

SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT**1. UNDERTAKING DESCRIPTION AND LOCATION**

District	County	Route	Post Miles	Unit	E-FIS Project Number	Phase
12	ORA	241	36.1/39.1	2987	0K9700-1200020097	0
12	ORA	91	14.7/18.9			
08	RIV	91	0.0/1.5			
District	County	Federal Project Number. (Prefix, Agency Code, Project No.)		Location		

For Local Assistance projects off the highway system, use headers in italics

Project Description:

The California Department of Transportation (Caltrans) District 12, in cooperation with the Foothill/Eastern Transportation Corridor Agency (F/ETCA) proposes the State Route 241 (SR-241) / State Route 91 (SR-91) Express Lanes Connector Project (Proposed Project) to construct a median-to-median connector between SR-241 and the tolled lanes in the median of SR-91 (SR-91 Express Lanes). SR-241 is a tolled facility, starting at the Oso Parkway interchange, in south Orange County, to its terminus at SR-91. The SR-91 Express Lanes is a two-lane tolled facility located within the median of SR-91, from State Route 55 (SR-55), to the Orange/Riverside County line (east of the SR-241 interchange). The existing interchange connects all lanes of the northbound and southbound SR-241 to non-tolled, general purpose lanes of eastbound and westbound SR-91. There is currently no direct connection between the SR-241 and the SR-91 Express Lanes.

The Proposed Project, located at the junction of SR-241 and SR-91 and in the cities of Anaheim, Yorba Linda, and Corona and counties of Orange and Riverside, would provide improved access between SR-241 and SR-91 and is proposed to be a tolled facility. The proposed median-to-median connector project encompasses 12-ORA-241 (Post Mile [PM] 36.1/39.1), 12-ORA-91 (PM 14.7/18.9), and 08 RIV-91 (PM 0.0/1.5) for a length of approximately 8.7 miles (mi).

Improvements for the connector are limited to 5.9 mi in the cities of Anaheim and Yorba Linda from south of the Windy Ridge Wildlife Undercrossing on SR-241 to Coal Canyon Undercrossing on SR-91. The remaining 2.8 mi of the Proposed Project is limited to FasTrak signage improvements (advance signage) in the cities of Anaheim (1.2 mi total), Yorba Linda (0.1 mi) and Corona (1.5 mi), with exact placement pending the Final Design process. The Proposed Project is mostly within existing Caltrans right-of-way, with one partial acquisition adjacent to eastbound SR-91. Construction access and staging areas would occur within existing Caltrans right-of-way.

The proposed median-to-median connector is a later phase of the Eastern Transportation Corridor (ETC) project, previously approved in 1994. It was originally evaluated as a SR-241/SR-91 high-occupancy vehicle (HOV) direct connector in the 1991 ETC Draft Environmental Impact Report/Environmental Impact Statement (Draft EIR/EIS), 1992 ETC Final EIR, and the 1994 ETC Final EIS (all of which studied a broader project area with improvements on SR-133, SR-241, and SR-261).

The Systems Management Concept (SMC) for the ETC projected that each Build Alternative would be staged, incorporating general purpose traffic and eventually HOV lanes, to meet the forecasted demand. Under the SMC, ETC construction would be completed in one stage, with three or more phases.

To implement this later phase of the ETC, a Supplemental Draft EIR/EIS is being prepared to focus on the eastern portion of the original project and to address changes to environmental conditions and regulatory requirements. Various alternatives were studied in the 1991 ETC Draft EIR/EIS, 1992 ETC Final EIR, and the 1994 ETC Final EIS; however, the Supplemental Draft EIR/EIS will include a No Build and only one Build Alternative for the median-to-median connector for the following reasons:

- There are limited locations for a median-to-median connector between SR-241 and SR-91;
- The median-to-median connector is a component of a previously approved project and alternative selected during a 1992 EIR Certification and 1994 Record of Decision (ROD);

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- Various alternatives were studied for the previously approved project which required consideration of a reasonable range of alternatives; and
- The Supplemental Draft EIR/EIS is being prepared to address changes to environmental conditions and regulatory requirements and not to change the previously approved project as a whole.

The Proposed Project is being coordinated with the Orange County Transportation Authority (OCTA) and the Riverside County Transportation Commission (RCTC). The SR-91 Express Lanes are tolled and are operated by OCTA, from SR-55 to the Orange County/Riverside County line. Easterly from the county line, the lanes are HOV non-tolled lanes; however, as part of the RCTC SR-91 Corridor Improvement Project (SR-91 CIP), RCTC will operate median tolled lanes starting from the County line and ending at Interstate 15 (I-15). As part of the SR-91 CIP, the median tolled lanes include a connector to southbound I-15 general purpose lanes. Implementation of the SR-91 CIP along with the Proposed Project would provide a direct connection between SR-241 and southbound I-15.

Caltrans and the F/ETCA intend to begin construction of the Proposed Project in 2017.

Project Vicinity, Project Location, and Area of Potential Effects (APE) maps are attached to this Supplemental Historic Property Survey Report (SHPSR) as Map 1, Map 2, and Map 3, respectively. The Survey Coverage Map is attached to the Supplemental Archaeological Survey Report (ASR) as Figure 1 in Appendix B. The APE is mostly within existing Caltrans right-of-way and includes one partial acquisition adjacent to eastbound SR-91.

PROJECT ALTERNATIVES

Two alternatives are being analyzed in this document: the Build Alternative and the No Build Alternative.

Build Alternative (Two-Lane Express Lanes Connector)

The Build Alternative would construct a two-lane express lane median-to-median connector between SR-241 and SR-91 which would connect lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes. The reverse movement would also be accommodated, from the westbound SR-91 Express Lanes to the median of southbound SR-241. The connector would be tolled.

On SR-241 at the southern end of the project (near PM 36), FasTrak signage would be improved approximately 0.2 mi south of the Windy Ridge Wildlife Undercrossing. For southbound SR-241, an additional lane and shoulder would be provided by widening the Windy Ridge Wildlife Undercrossing into the existing median and improving the highway median approximately 10,000 feet (ft) to the north. For northbound SR-241, starting approximately 5,000 ft north of the Windy Ridge Wildlife Undercrossing, an additional lane and shoulder will be provided by improving the highway median approximately 5,000 ft to the north. At this point on SR-241 (approximately PM 38), the two connector lanes would converge within the existing median on fill and two new bridge structures approximately 700 ft (over the northbound SR-241 to westbound SR-91 general purpose lane connector) and 2,000 ft in length (to merge with SR-91). All approximate lengths will be further refined during the Final Design process.

Additional pavement would be added between the existing northbound SR-241/eastbound SR-91 and the northbound SR-241/westbound SR-91 general purpose connectors in order to accommodate a concrete barrier separation to prevent vehicles traveling on the westbound SR-91 general purpose connector to "queue jump" into the eastbound SR-91 general purpose connector. This would improve traffic flow on the SR-241.

The Build Alternative would merge into the existing OCTA SR-91 Express Lanes at the western limits of the RCTC SR-91 CIP which extends the SR-91 Express Lanes further east to I-15. The Build Alternative is also compatible with the approved SR-91 CIP for both the initial and ultimate configurations, including the number and widths of the SR-91 Express Lanes, express auxiliary lanes, and general purpose lanes.

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At the western end of SR-91 project terminus, FasTrak signage improvements would occur approximately within the first 0.1 mi of the project. The Gypsum Canyon Road on- and off-ramps and the northbound-SR-241-to-eastbound-SR-91 general purpose connector would be realigned to accommodate the Proposed Project.

To accommodate the addition of the median-to-median connector, the existing eastbound SR-91 lanes would be shifted to the south by adding pavement to the south and restriping. The number of existing eastbound SR-91 general purpose lanes would be maintained within the project limits. At the eastern terminus of the connector bridge structure, the eastbound connector lane would continue for approximately 1 mi within the SR-91 median prior to tapering to tie in to the SR-91 CIP Express Lanes at Coal Canyon Undercrossing. Also near the eastern terminus of the connector lane bridge structure (approximately 2,000 ft west of Gypsum Canyon Road), one additional eastbound auxiliary express lane would be provided, connecting to the auxiliary lane for the SR-91 CIP also at Coal Canyon Undercrossing. These improvements would provide a four-lane express lane facility and tapering down to three lanes, between the connector and Coal Canyon Undercrossing.

The eastbound SR-91 Express Lanes would also have striped buffers (tapering from 0 ft to 4 ft). The Proposed Project would provide a striped buffer to separate the general purpose lanes from the SR-91 Express Lanes and a new striped buffer to temporarily separate the connector lane from the SR-91 Express Lanes. Additional separators within the striped buffers will be further considered during the Final Design process.

Approximately 3,600 ft west of Coal Canyon Undercrossing, grading would occur to accommodate the shift of the lanes to the south. The grading and construction of an access road would encroach into County-owned land on Assessor's Parcel Number (APN) 085-071-56. Approximately 5 ac of land on this parcel would be acquired from the County of Orange for Caltrans right-of-way. To the north of this parcel, a 1,000 ft retaining wall would be required, but would not be viewable from the highway. Further details for the retaining wall and the exact length will be determined during the Final Design process.

Improvements on Westbound SR-91

At the eastern terminus of the connector bridge structure, the westbound connector lane would extend for approximately 1 mi within the SR-91 median, with the lane tapering approximately 1,000 ft west of Coal Canyon Undercrossing. For the eastern 1,000 ft of the westbound connector express lane, one additional westbound auxiliary express lane would be provided to accommodate merging and diverging to and from the SR-91 Express Lanes. These improvements would provide a four-lane express lane facility for approximately 1,000 ft. To provide the additional SR-91 Express Lanes, restriping would occur between points east of the Gypsum Canyon Road Undercrossing and west of Coal Canyon Undercrossing.

There would be a striped buffer (tapering from 0 ft to 2 ft) to separate the westbound SR-91 Express Lanes from the general purpose lanes. Additional separators within the striped buffer will be further considered during the Final Design process. At the eastern end of SR-91 project terminus, FasTrak signage improvements would occur between Coal Canyon Undercrossing and Green River Road within the existing median and highway footprint of westbound SR-91. (No roadway improvements would occur in this area.)

No Build Alternative

Under this alternative, no direct toll connector would be constructed between SR-241 and SR-91. The No Build Alternative:

- Would not close the toll connector gap between SR-241 and the SR-91 Express Lanes;
- Would maintain the existing connections between SR-241 and SR-91 in the Project Area;
- Would not prevent motorists from inappropriately "queue jumping" during congested traffic periods, thereby disrupting traffic flow on the northbound SR-241 connector to the eastbound SR-91 general

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purpose lanes during PM Peak hours; and

- Would provide a benchmark by which the public and decision-makers can compare the magnitude of the effects of the Build Alternative.

This SHPSR is being submitted to address a more refined Area of Potential Effects (APE) than that evaluated in the ETC 1994 Final EIR/EIS. The HPSR for the ETC was completed in 1991 by Greenwood and Associates. It addressed the North Leg, West Leg, and East Leg alignments. The APE for this project is included in the North Leg alignment of the ETC. Ten archaeological sites, seven isolated artifacts, and numerous historic architecture sites were identified over the entire ETC.

2. AREA OF POTENTIAL EFFECTS

The APE for the project was established in consultation with Leo Chen, Caltrans Project Manager, and Cheryl Sinopoli, Caltrans PQS (Co-PI Prehistoric Archaeology) on September 14, 2015. The APE maps are located in Attachment A in this SHPSR. The APE was established as being the maximum area of project disturbance, and is mostly within existing Caltrans right-of-way, with the exception of approximately 5 acres south of SR-91 within the Anaheim Wilderness Area/Irvine Ranch National Natural Landmark, owned by the County of Orange. The APE includes construction staging and access areas, retaining wall locations, drainage and bridge structures, and advance signage areas. The vertical APE is expected to extend to 70 ft below grade for bridge piles with excavation to 30 ft below grade around the bridge piles. The APE has been disturbed by construction of the SR-91 and the SR-241, and continued road maintenance. However, the depth of the proposed excavations may exceed the depth of the current disturbance in some areas.

3. CONSULTING PARTIES / PUBLIC PARTICIPATION**√ Native American Tribes, Groups and Individuals**

On May 10, 2011, letters discussing the project and requesting information on Native American heritage resources were sent via certified mail to 11 individuals representing the Juaneño and Gabrielino Tongva groups as identified by the Native American Heritage Commission:

- Ti'At Society/Inter-Tribal Council of Pimu, Cindi M. Alvitre, Chairwoman-Manisar
- Gabrielino Tongva Nation, Sam Dunlap, Chairperson
- Juaneño Band of Mission Indians Acjachemen Nation, David Belardes, Chairperson
- Juaneño Band of Mission Indians Acjachemen Nation, Anthony Rivera, Chairman
- Tongva Ancestral Territorial Tribal Nation, John Tommy Rosas, Tribal Administrator
- Gabrielino Tongva Indians of California Tribal Council, Robert Dorame, Tribal Chair/Cultural Resources
- Gabrieleno/Tongva San Gabriel Band of Mission Indians, Anthony Morales, Chairperson
- Juaneño Band of Mission Indians, Alfred Cruz, Cultural Resources Coordinator
- Gabrielino-Tongva Tribe, Bernie Acuna
- Juaneño Band of Mission Indians, Acjachemen Nation, Joyce Perry, Representing Tribal Chairperson
- Gabrielino-Tongva Tribe, Linda Candelaria, Chairwoman

One response was received as a result of the letter communication. Anthony Morales, Gabrieleno/Tongva San Gabriel Band of Mission Indians, called on May 13, 2011, to state that he knows there are cultural resources around the base of the foothills, and he hopes the project proponents will be vigilant. He is aware that the project area is disturbed by previous freeway construction; however, he recommends monitoring by an archaeologist and a Native American when construction activities are in deeply buried intact native soil, for example, when digging deep for the support structures, because there is the potential to encounter buried cultural resources.

No initial responses were received from any of the remaining 10 parties contacted. Two rounds of follow-up communications were attempted by email and/or telephone between May 31 and June 7, 2011.

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- As a result of the follow-up communications, Robert Dorame, Gabrielino Tongva Indians of California Tribal Council, requested to be notified of any cultural resources discoveries. Alfred Cruz, Juaneño Band of Mission Indians, responded to say that he believes the area to be sensitive for cultural resources given its proximity to the Santa Ana River. His people inhabited the area for over 9000 years, and SR-91 runs along what were once ancient travel and trading routes. There is no way to know the extent of what is there. He recommends monitoring by a Native American and an archaeologist when construction activities are in undisturbed native soil. Sam Dunlap, Gabrielino Tongva Nation, responded to say that if there is no potential for cultural resources to be impacted because construction will be in previously disturbed soil, then he has no concerns. On February 12, 2015, an email was sent to Mr. Dunlap clarifying that the depth of the proposed excavations may exceed the depth of the current disturbance in some areas, and asking if he would like to comment further. No additional comments were received.

Additional details of the Native American consultation, including letters and emails sent and received as part of the consultation process, can be found in Attachment D of this SHPSR.

✓ Native American Heritage Commission

On April 6, 2011, Dave Singleton of the Native American Heritage Commission was contacted to complete a search of the Sacred Lands File for the APE. In his response dated April 12, 2011, Mr. Singleton advised that no Native American cultural resources were identified within a 0.50-mile radius of the APE; however, there are Native American cultural resources in proximity to the APE. He recommended that 11 individuals representing the Juaneño and Gabrielino Tongva groups that might have interest in the project be contacted (Attachment D).

4. SUMMARY OF IDENTIFICATION EFFORTS

- | | |
|---|--|
| ✓ National Register of Historic Places | ✓ California Points of Historical Interest |
| ✓ California Register of Historical Resources | ✓ California Historical Resources Information System (CHRIS) |
| ✓ California Inventory of Historic Resources | ✓ Caltrans Historic Highway Bridge Inventory |
| ✓ California Historical Landmarks | |

✓ Results:

A records search for the portion of the project APE in Orange County and a 0.25-mile radius around it was conducted at the South Central Coastal Information Center (SCCIC), at California State University, Fullerton, by SCCIC personnel on May 5, 2011. One archaeological site has been identified within the project APE. This site is CA-ORA-303; it was initially recorded in 1970 as a series of rock shelters and associated artifacts. However, the site was destroyed between 1995 and 1997 during the construction of SR-241, and nothing remains of it.

The records search showed that no other cultural resources are recorded in the project APE or the 0.25-mile radius around it. A total of 24 previous studies have been conducted within the 0.25-mile radius. Of these, 13 are located within the project APE. There are 4 additional investigations located on the *Black Star Canyon, California*, and the *Prado Dam, California*, 7.5-minute United States Geological Survey (USGS) quadrangle maps that are potentially within the 0.25-mile radius of the project; however, these reports are not mapped due to insufficient data.

A records search was also conducted for the portion of the project APE that extends into Riverside County at the Eastern Information Center (EIC), University of California, Riverside, on February 21 and 22, 2008. The results of the EIC records search indicated that one historic archaeological resource, 33-10819/CA-RIV-6532H (the Green River Camp/Alta Vista site) extends into the project APE. The site has been determined not eligible for listing in the National Register of Historic Places and the State Historic Preservation Officer concurred with this finding in a letter dated March 8, 2001. The portion of the site recorded within the APE has been completely destroyed by construction of SR-91. This portion of the APE consists of an Advance Signage Area, and there will be no ground disturbance.

This SHPSR has been prepared to address the addition to the APE of two areas: (1) the southern

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portion of the APE, an approximately 227-acre area not surveyed as part of the original project, and (2) an approximately 5-acre area, located south of SR-91 and 0.5–1.0 mile east of Gypsum Canyon Road within the Anaheim Wilderness Area portion of the non-contiguous Irvine Ranch, and owned by the County of Orange.

This 5-acre area is less than one-tenth of a percent of the total area identified as the Irvine Ranch National Natural Landmark (NNL) (as designated by the National Park Service in 2006). As defined in 6 Code of Federal Regulations Part 62, an NNL is “an area ... of national significance ... because it is an outstanding example(s) of major biological and geological features.” The Irvine Ranch NNL is partially developed; nevertheless, the designation applies to all open space areas of the Irvine Ranch, regardless of whether parcels contain outstanding examples of major biological and geological features. Other than consideration under National Environmental Policy Act, NNL’s are provided no special protection.

Two surveys were conducted for this project. The first survey was completed by LSA on May 17, 2011. It included a windshield and pedestrian reconnaissance-level survey of the approximately 227-acre area of the APE that was not surveyed as part of the 2008 feasibility study for the project. The vicinity of Site CA-ORA-303 was closely examined. No evidence of the site remains. It was completely destroyed during the construction of SR-241 between 1995 and 1997. The 2011 survey area was found to have been entirely disturbed by road construction and maintenance. No cultural resources were observed. The second survey was completed by LSA on March 17, 2015. This survey was a pedestrian survey of the approximately 5-acre area. The survey area included the drainage and ridge terrace within the northernmost portion of the Anaheim Wilderness Area of the Irvine Ranch NNL. This approximately 5-acre area was added for an access road and was surveyed in transects spaced at 7-10 meter intervals. No cultural resources were observed.

5. PROPERTIES IDENTIFIED

- ✓ **Bridges listed as Category 5** in the Caltrans Historic Highway Bridge Inventory are present within the APE. Appropriate pages from the Caltrans Historic Bridge Inventory are attached.

6. HPSR to District File

- ✓ Caltrans, in accordance with Section 106 Programmatic Agreement Stipulation VIII, has determined that there are no cultural resources present in the APE and/or there are properties within the APE that **are exempt from evaluation**; see Section 5.
- ✓ Caltrans, in accordance with Section 106 Programmatic Agreement Stipulation IX.A, has determined a **Finding of No Historic Properties Affected** is appropriate for this undertaking.

7. HPSR to SHPO

- ✓ Not applicable.

8. HPSR to CSO

- ✓ Not applicable.

9. Findings for State-Owned Properties

- ✓ Caltrans has determined that **the State-owned resources** (built environment and archaeological resources) within the APE **do not require evaluation or are exempt from evaluation** because they meet the criteria set forth in the Section 106 Programmatic Agreement Attachment 4 (Properties Exempt from Evaluation) **or were previously determined not eligible** for inclusion in the National Register of Historic Places and/or registration as a California Historical Landmark and that determination is still valid; see Section 5.

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- ✓ Caltrans PQS staff has determined there are **no historical resources** within the Project Area limits, as outlined in CEQA Guidelines 15064.5(a).

11. List of Attached Documentation

- ✓ Project Vicinity, Location, and APE Maps, Attachment A
- ✓ California Historic Bridge Inventory sheet, Attachment B
- ✓ First Supplemental Archaeological Survey Report (ASR), Attachment C
Prepared by Terri Fulton, June 2015.
- ✓ Other (*Specify below*)
- Native American Consultation, Attachment D

12. HPSR Preparation and Caltrans ApprovalPrepared by (*sign on line*):

District 12

Caltrans PQS:

Date

Prepared by: (*sign on line*)

Consultant / discipline:

Affiliation

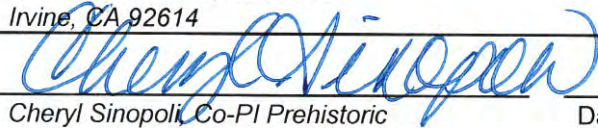
Terri Fulton, Co-Principal Investigator –
Prehistory and Historical ArchaeologyLSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614

09/14/15

Date

Reviewed for approval by:
(*sign on line*)District 12 Caltrans PQS
discipline/level:Approved by: (*sign on line*)

District 12 EBC:


Cheryl Sinopoli, Co-PI Prehistoric
Archaeology

Date



Charles Baker, Environmental Branch Chief

Date

SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT

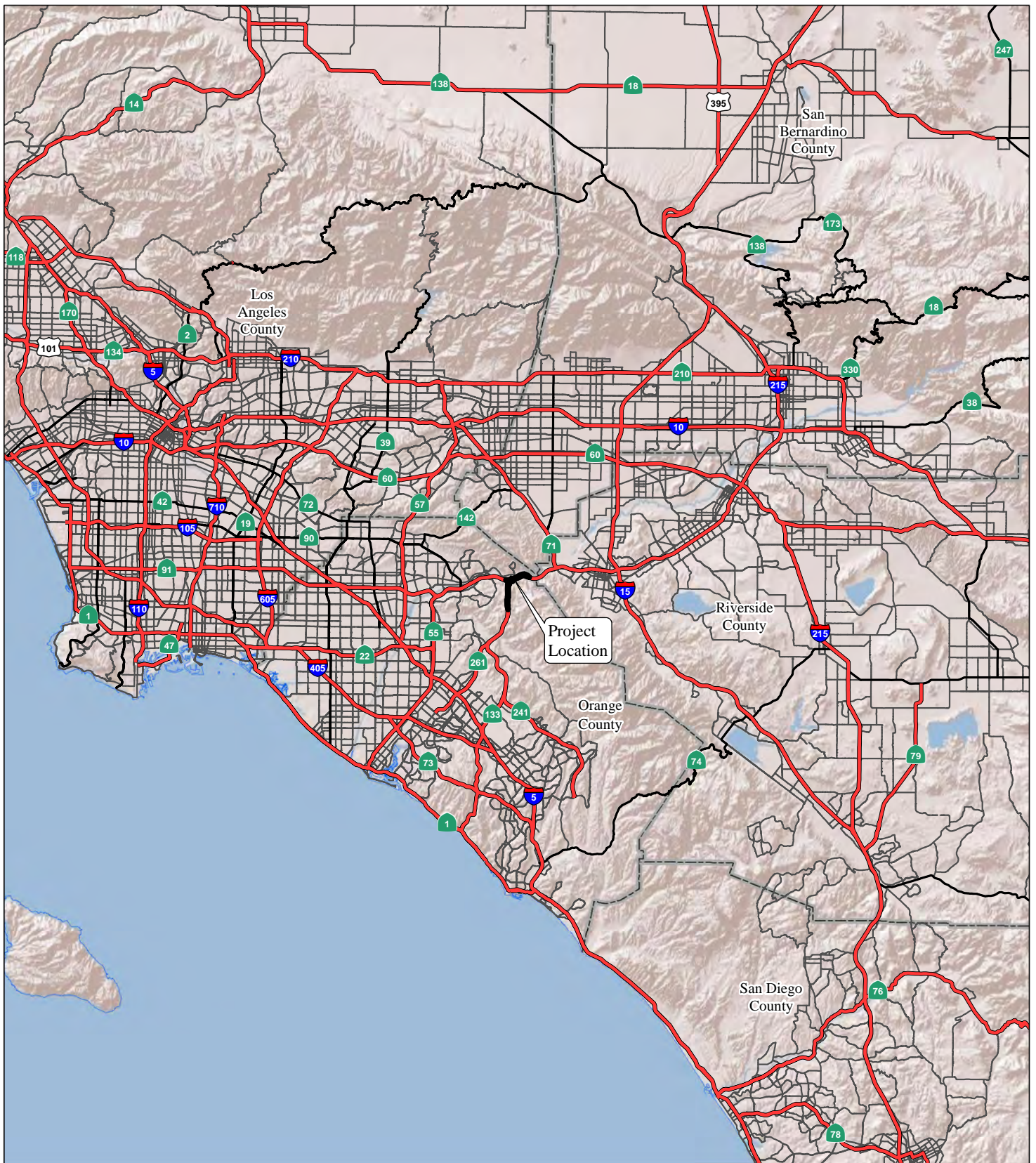
Attachment A

MAPS

Map 1: Project Vicinity

Map 2: Project Location

Map 3: Area of Potential Effects



LEGEND

Project Location



0 6 12
MILES

SOURCE: Thomas Bros (2011)

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MAP 1

SR-241/SR-91 Express Lanes Connector

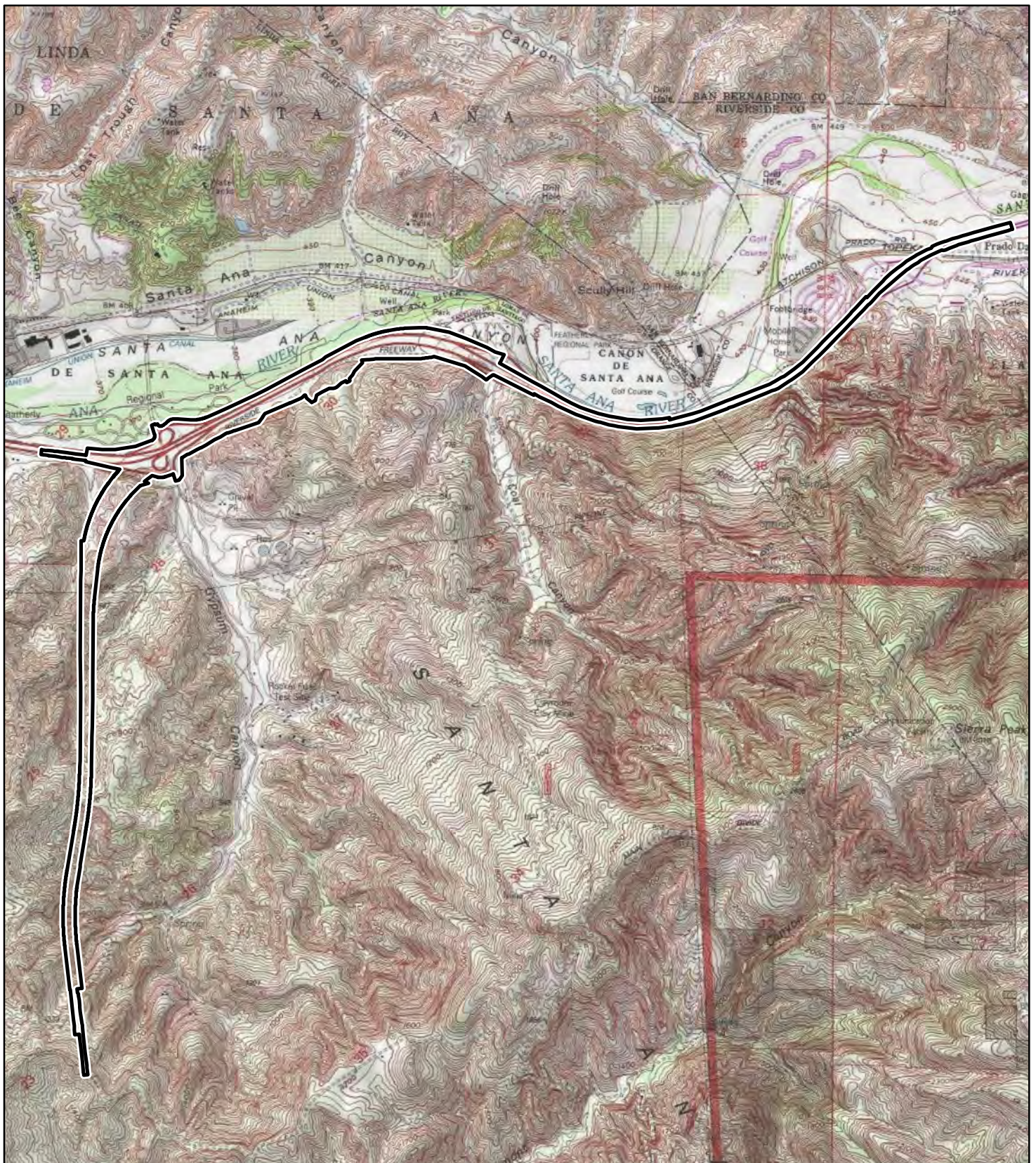
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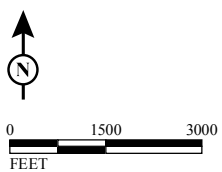
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LEGEND

 Project Location

MAP 2

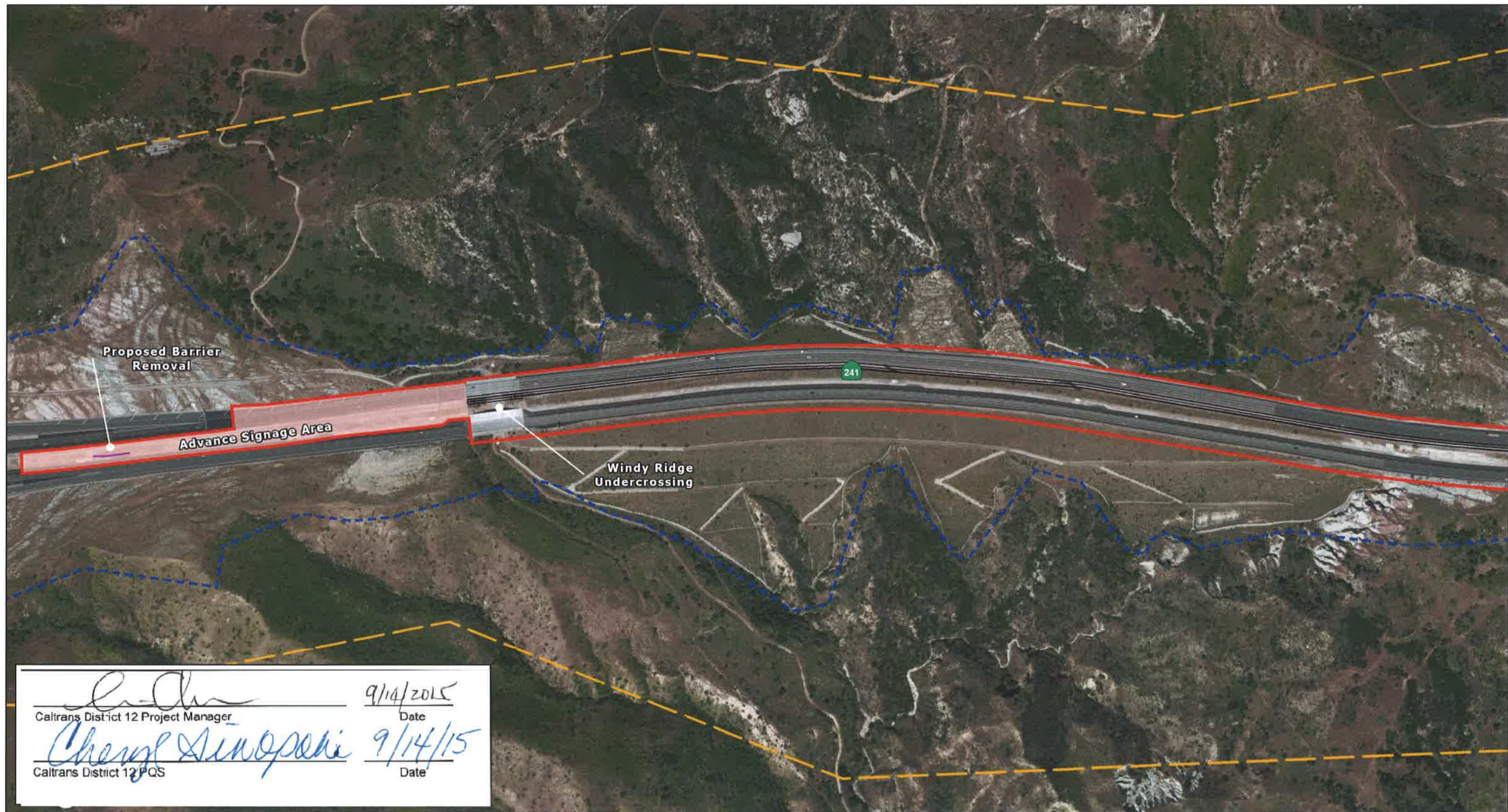


SOURCE: USGS 7.5' Quad - Black Star Canyon (1988), CA
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SR-241/SR-91 Express Lanes Connector

Project Location

12-ORA-241 PM 36.1/39.1
 12-ORA-91 PM 14.7/18.9
 08-RIV-91 PM 0.0/1.5
 EA 0K9700



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SOURCE: Bing (2012); RBF (1/2015)
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LEGEND

<ul style="list-style-type: none"> Area of Potential Effects (APE) Advance Signage Area ETC EIR/EIS APE Existing Caltrans Right-of-Way Proposed Right-of-Way 	<ul style="list-style-type: none"> Proposed Lanes, Centerlines, and Ramps Proposed Grading Limits (Slope and Access Road) Proposed Bridge Structure Proposed Retaining Wall Proposed Construction Access Proposed Barrier Removal 	<ul style="list-style-type: none"> Proposed Construction Staging Area Proposed Biofiltration Swale Proposed Media Filter Proposed Storm Drain Pipe Proposed Storm Drain Swale Proposed Storm Drain Structure
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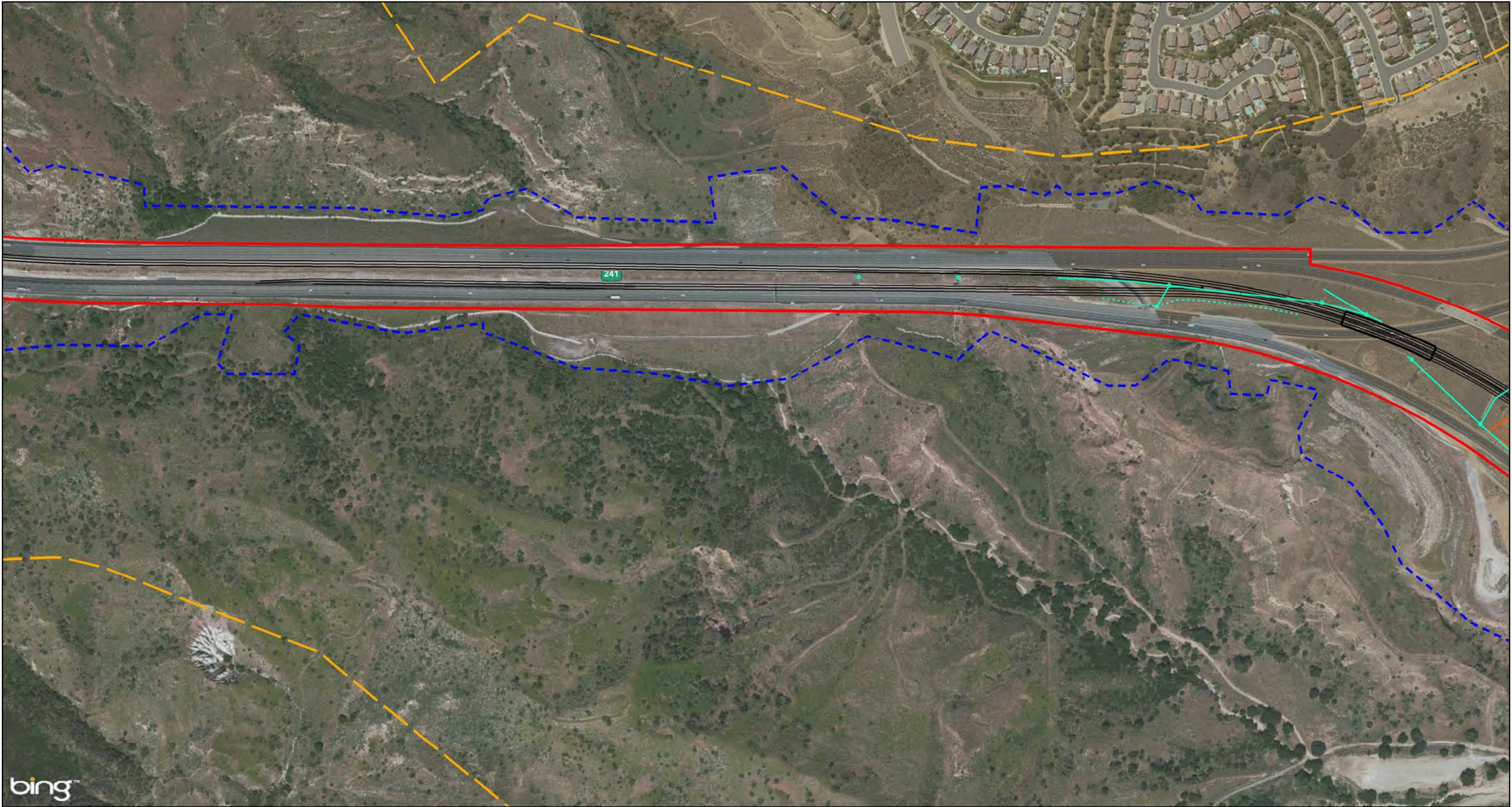
County Boundary

MAP 3
Sheet 1 of 6

SR-241/SR-91 Express Lanes Connector

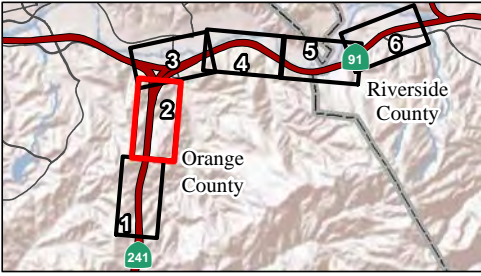
Area of Potential Effects

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12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA 0K9700



LEGEND

- | | | | |
|---------------------------------|---|------------------------------------|-----------------|
| Area of Potential Effects (APE) | Proposed Lanes, Centerlines, and Ramps | Proposed Construction Staging Area | County Boundary |
| Advance Signage Area | Proposed Grading Limits (Slope and Access Road) | Proposed Biofiltration Swale | |
| ETC EIR/EIS APE | Proposed Bridge Structure | Proposed Media Filter | |
| Existing Caltrans Right-of-Way | Proposed Retaining Wall | Proposed Storm Drain Pipe | |
| Proposed Right-of-Way | Proposed Construction Access | Proposed Storm Drain Swale | |
| | Proposed Barrier Removal | Proposed Storm Drain Structure | |



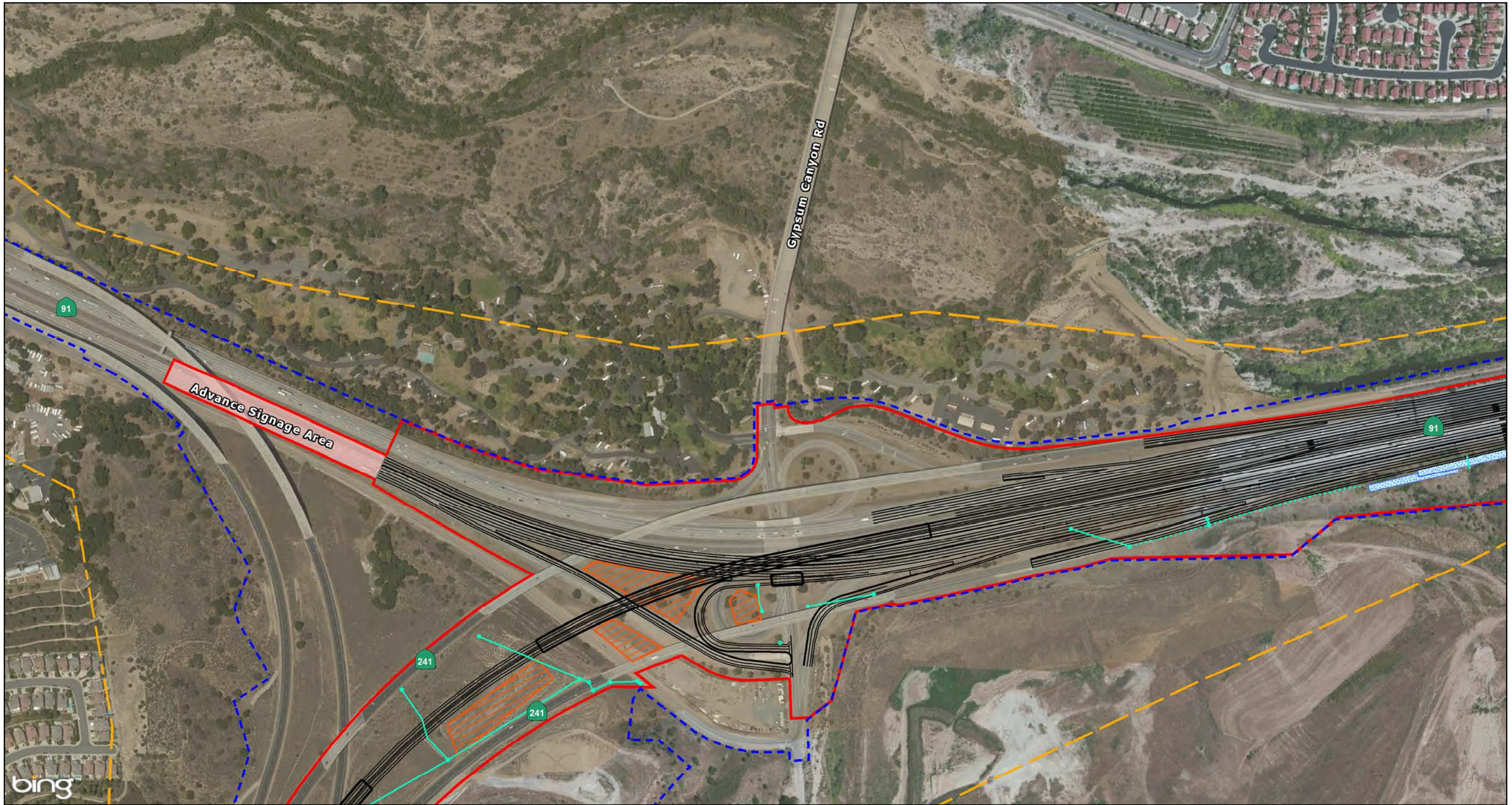
MAP 3

Sheet 2 of 6

SR-241/SR-91 Express Lanes Connector

Area of Potential Effects

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12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA 0K9700



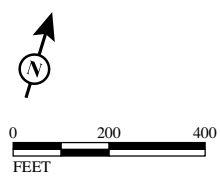
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- Area of Potential Effects (APE)
- Advance Signage Area
- ETC EIR/EIS APE
- Existing Caltrans Right-of-Way
- Proposed Right-of-Way

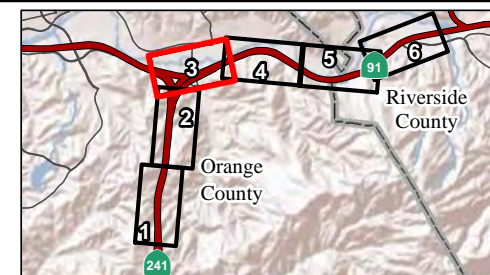
- Proposed Lanes, Centerlines, and Ramps
- Proposed Grading Limits (Slope and Access Road)
- Proposed Bridge Structure
- Proposed Retaining Wall
- Proposed Construction Access
- Proposed Barrier Removal

- Proposed Construction Staging Area
- Proposed Biofiltration Swale
- Proposed Media Filter
- Proposed Storm Drain Pipe
- Proposed Storm Drain Swale
- Proposed Storm Drain Structure

- County Boundary



SOURCE: Bing (2012); RBF (1/2015)
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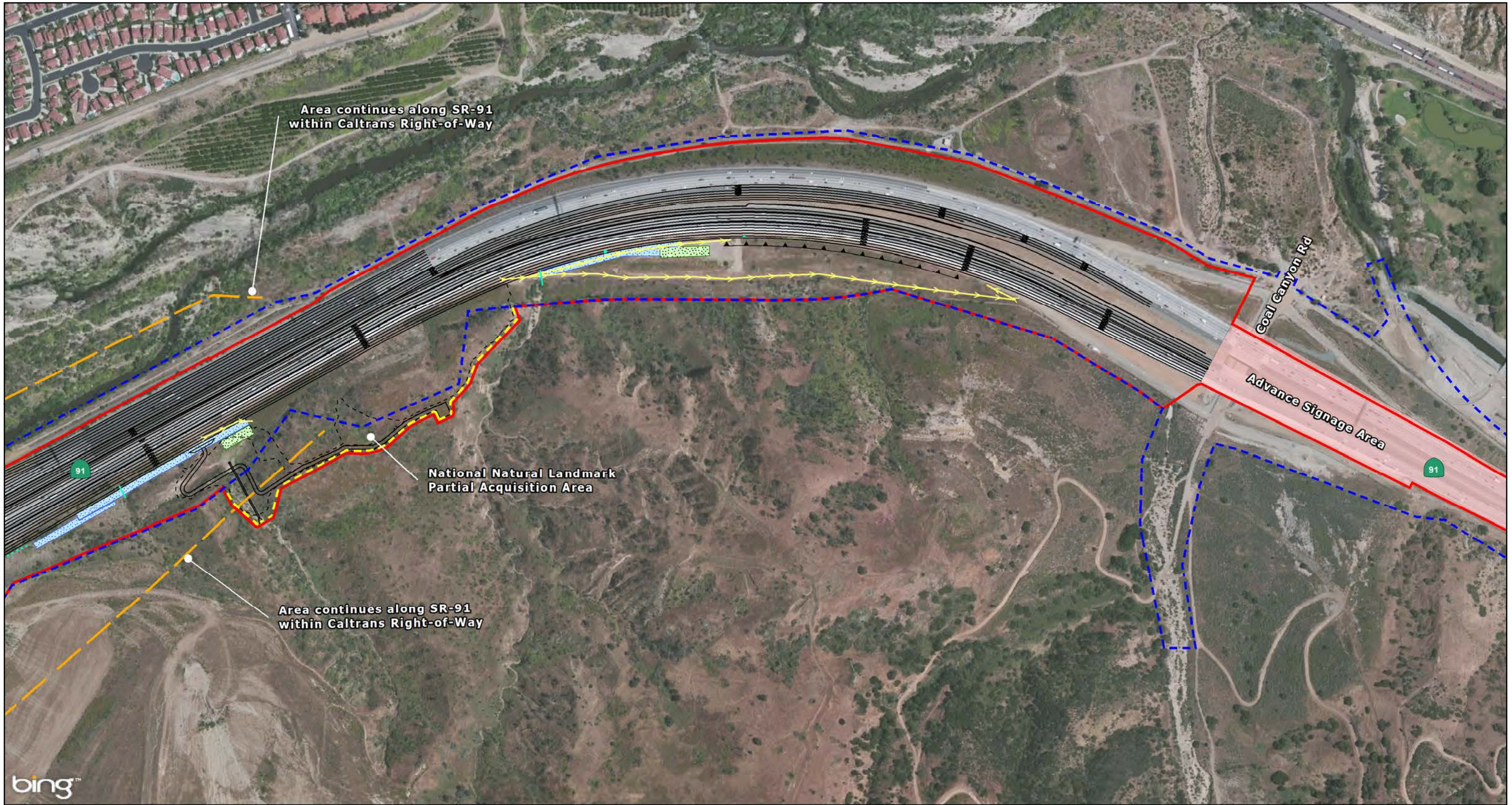
MAP 3

Sheet 3 of 6

SR-241/SR-91 Express Lanes Connector

Area of Potential Effects

12-ORA-241 PM 36.1/39.1
12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA OK9700



LEGEND

- Area of Potential Effects (APE)
- Advance Signage Area
- ETC EIR/EIS APE
- Existing Caltrans Right-of-Way
- Proposed Right-of-Way

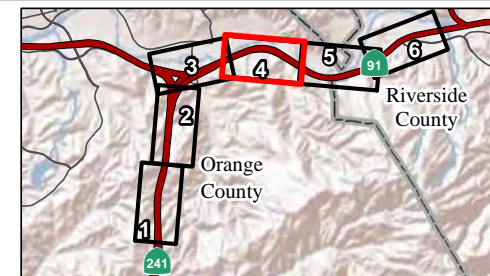
- Proposed Lanes, Centerlines, and Ramps
- Proposed Grading Limits (Slope and Access Road)
- Proposed Bridge Structure
- Proposed Retaining Wall
- Proposed Construction Access
- Proposed Barrier Removal

- Proposed Construction Staging Area
- Proposed Biofiltration Swale
- Proposed Media Filter
- Proposed Storm Drain Pipe
- Proposed Storm Drain Swale
- Proposed Storm Drain Structure
- County Boundary



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FEET

SOURCE: Bing (2012); RBF (1/2015)
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MAP 3

Sheet 4 of 6

SR-241/SR-91 Express Lanes Connector

Area of Potential Effects

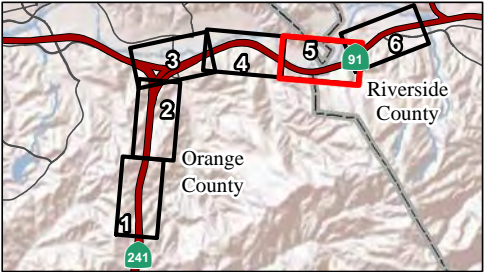
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12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA 0K9700



0 200 400
FEET

LEGEND

Area of Potential Effects (APE)	Proposed Lanes, Centerlines, and Ramps	Proposed Construction Staging Area	County Boundary
Advance Signage Area	Proposed Grading Limits (Slope and Access Road)	Proposed Biofiltration Swale	
ETC EIR/EIS APE	Proposed Bridge Structure	Proposed Media Filter	
Existing Caltrans Right-of-Way	Proposed Retaining Wall	Proposed Storm Drain Pipe	
Proposed Right-of-Way	Proposed Construction Access	Proposed Storm Drain Swale	
	Proposed Barrier Removal	Proposed Storm Drain Structure	





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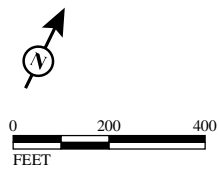
LEGEND

- Area of Potential Effects (APE)
- Advance Signage Area
- ETC EIR/EIS APE
- Existing Caltrans Right-of-Way
- Proposed Right-of-Way

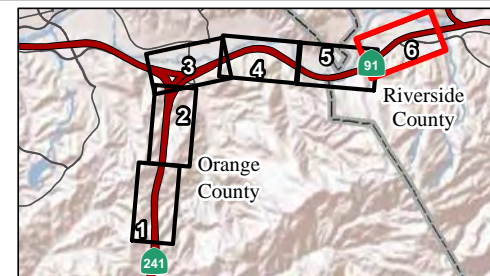
- Proposed Lanes, Centerlines, and Ramps
- Proposed Grading Limits (Slope and Access Road)
- Proposed Bridge Structure
- Proposed Retaining Wall
- Proposed Construction Access
- Proposed Barrier Removal

- Proposed Construction Staging Area
- Proposed Biofiltration Swale
- Proposed Media Filter
- Proposed Storm Drain Pipe
- Proposed Storm Drain Swale
- Proposed Storm Drain Structure

- County Boundary



SOURCE: Bing (2012); RBF (1/2015)
I:\RBF1101\GIS\APE.mxd (6/11/2015)



MAP 3

Sheet 6 of 6

SR-241/SR-91 Express Lanes Connector

Area of Potential Effects

12-ORA-241 PM 36.1/39.1
12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA 0K9700

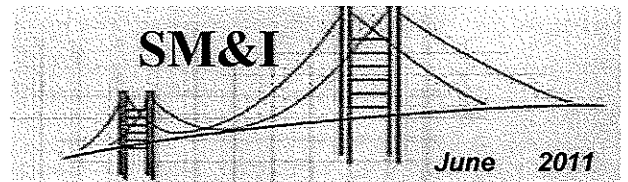
SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT

Attachment B

CALIFORNIA HISTORIC BRIDGE INVENTORY SHEETS



Structure Maintenance & Investigations

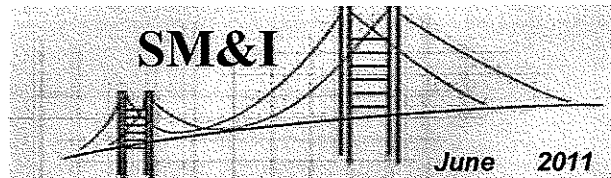


Historical Significance - State Agency Bridges

District 12					
Orange County					
Bridge Number	Bridge Name	Location	Historical Significance	Year	Year
				1998	2000
55 0782R	SANTIAGO ADJUNCT UC	12-ORA-133-13.37-IRVN	5. Bridge not eligible for NRHP	1998	
55 0784G	N133-N241 CONNECTOR UC	12-ORA-241-27.35-IRVN	5. Bridge not eligible for NRHP	1998	
55 0785	BEE CANYON ROAD OC	12-ORA-241-27.39-IRVN	5. Bridge not eligible for NRHP	1997	
55 0786L	OAK CANYON WILDLIFE UC	12-ORA-241-34.81-ANA	5. Bridge not eligible for NRHP	1998	
55 0786R	OAK CANYON WILDLIFE UC	12-ORA-241-34.81-ANA	5. Bridge not eligible for NRHP	1998	
55 0787L	SCE UC	12-ORA-241-35.6-ANA	5. Bridge not eligible for NRHP	1998	
55 0787R	SCE UC	12-ORA-241-35.6-ANA	5. Bridge not eligible for NRHP	1998	
55 0790G	N241-W91 CONNECTOR OC	12-ORA-241-38.76-ANA	5. Bridge not eligible for NRHP	1998	
55 0791G	N241-E91 CONNECTOR OC	12-ORA-241-38.84-ANA	5. Bridge not eligible for NRHP	1998	
55 0793G	E91-S241 CONNECTOR	12-ORA-091-R15.63-ANA	5. Bridge not eligible for NRHP	1998	
55 0794F	W91-S241/91 CONNECTOR SEPARATION	12-ORA-091-R16.31-ANA	5. Bridge not eligible for NRHP	1998	
55 0796K	JAMBOREE ROAD-SB ON-RAMP SEPARATION	12-ORA-073-R24.7-NPTB	5. Bridge not eligible for NRHP	1996	
55 0798L	HANDY CREEK ROAD UC	12-ORA-261-5.62-TUS	5. Bridge not eligible for NRHP	1998	
55 0798R	HANDY CREEK ROAD UC	12-ORA-261-5.62-TUS	5. Bridge not eligible for NRHP	1998	
55 0801	CHAPMAN AVENUE OC	12-ORA-261-6.05-ORA	5. Bridge not eligible for NRHP	1997	
55 0802	SANTIAGO CANYON ROAD OC	12-ORA-241-32.37-RSM	5. Bridge not eligible for NRHP	1997	
55 0803	SANTIAGO CANYON-N241 OC	12-ORA-241-32.52-RSM	5. Bridge not eligible for NRHP	1997	
55 0806G	241/N261-N241 CONNECTOR SEPARATION	12-ORA-241-32.7-ORA	5. Bridge not eligible for NRHP	1998	
55 0811	SANTA ANA RIVER	12-ORA-005-34.47-SA	5. Bridge not eligible for NRHP	1999	
55 0813	CHAPMAN AVENUE UC	12-ORA-005-34.83-TUS	5. Bridge not eligible for NRHP	2000	
55 0814	STATE COLLEGE BLVD UC	12-ORA-005-35.19-ANA	5. Bridge not eligible for NRHP	2000	
55 0815K	ORANGEWOOD UC (SB OFF-RAMP)	12-ORA-005-35.42-ANA	5. Bridge not eligible for NRHP	2000	
55 0816	ORANGEWOOD AVENUE UC	12-ORA-005-35.59-ANA	5. Bridge not eligible for NRHP	2000	
55 0818L	GENE AUTRY WAY OC	12-ORA-005-35.92-ANA	5. Bridge not eligible for NRHP	2000	
55 0818R	GENE AUTRY WAY OC	12-ORA-005-35.92-ANA	5. Bridge not eligible for NRHP	2000	
55 0819S	N5 ON RA/KATELLA OFF-RAMP	12-ORA-005-36.05-ANA	5. Bridge not eligible for NRHP	2000	
55 0820	KATELLA AVENUE UC	12-ORA-005-36.15-ANA	5. Bridge not eligible for NRHP	2000	
55 0820J	KATELLA AVENUE UC (S5-KATELLA OFF-RAMP)	12-ORA-005-36.15-ANA	5. Bridge not eligible for NRHP	2000	
55 0820K	KATELLA AVENUE UC (S5-ORANGEWOOD OFF-RAMP)	12-ORA-005-36.15-ANA	5. Bridge not eligible for NRHP	2000	
55 0821	ANAHEIM BLVD UC	12-ORA-005-36.58-ANA	5. Bridge not eligible for NRHP	2000	
55 0822E	5-405 HOV/S5 SEPARATION	12-ORA-005-20.74-IRVN	5. Bridge not eligible for NRHP	1996	
55 0823L	SANTIAGO CREEK	12-ORA-241-33.7-RSM	5. Bridge not eligible for NRHP	1998	
55 0823R	SANTIAGO CREEK	12-ORA-241-33.7-RSM	5. Bridge not eligible for NRHP	1998	
55 0829	MAGNOLIA AVENUE OC	12-ORA-005-41.5-ANA	5. Bridge not eligible for NRHP	2000	
55 0830G	N5-W91 CONN OC & OH	12-ORA-005-41.84-ANA	5. Bridge not eligible for NRHP	2002	
55 0831F	S5-E91 CONN OH & OC	12-ORA-005-42.01-ANA	5. Bridge not eligible for NRHP	2002	
55 0832F	MAGNOLIA AVENUE UC (W91-N5)	12-ORA-091-R3.84-ANA	5. Bridge not eligible for NRHP	2000	
55 0833F	W91-N5 HOV/N5 CONNECTOR SEPARATION	12-ORA-091-R3.64-ANA	5. Bridge not eligible for NRHP	2000	
55 0834R	E91/5 SEPARATION	12-ORA-091-R3.75-ANA	5. Bridge not eligible for NRHP	2000	
55 0835H	91-5 HOV CONNECTOR OH	12-ORA-091-R3.56-ANA	5. Bridge not eligible for NRHP	2000	
55 0837S	WEST STREET-N5 ON-RAMP OC	12-ORA-005-38.15-ANA	5. Bridge not eligible for NRHP	2000	
55 0840L	DISNEY WAY UC (SB)	12-ORA-005-36.47-ANA	5. Bridge not eligible for NRHP	2000	
55 0840R	DISNEY WAY UC (NB)	12-ORA-005-36.47-ANA	5. Bridge not eligible for NRHP	2000	



Structure Maintenance & Investigations



Historical Significance - State Agency Bridges

Orange County					
District 12					
Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Abolished
55 0925	CHAPMAN AVENUE UC	12-ORA-055-13.4-TUS	5. Bridge not eligible for NRHP	2001	
55 0927	WALNUT AVENUE OC	12-ORA-055-14.16-ORA	5. Bridge not eligible for NRHP	2002	
55 0933Z	BONITA CREEK	12-ORA-073-22.52-NPTB	5. Bridge not eligible for NRHP	1996	
55 0938	LA VETA AVENUE OC	12-ORA-055-13.2-TUS	5. Bridge not eligible for NRHP	2001	
55 0939G	E22-N55/55 CONNECTOR SEPARATION	12-ORA-022-13.2-ORA	5. Bridge not eligible for NRHP	2001	
55 0940	NEWPORT AVENUE UC	12-ORA-005-29.62-TUS	5. Bridge not eligible for NRHP	1995	
55 0941F	W91-S241/N241-W91 SEPARATION	12-ORA-091-R15.9-ANA	5. Bridge not eligible for NRHP	1998	
55 0953	TRABUCO CREEK BIKE TRAIL OC	12-ORA-241-18.64-RSM	5. Bridge not eligible for NRHP	2000	
55 0957	WILDLIFE CROSSING	12-ORA-241-27.05-IRVN	5. Bridge not eligible for NRHP	1998	
55 0958	EOC ROAD OC	12-ORA-241-31.66-RSM	5. Bridge not eligible for NRHP	1997	
55 0959	REDHILL AVE OC	12-ORA-405-8.4-CMS	5. Bridge not eligible for NRHP	2002	
55 0960S	5N STATE COLLEGE OFF- RAMP	12-ORA-005-35-ANA	5. Bridge not eligible for NRHP	2000	
55 0966	SR55/SR1 SEPARATION	12-ORA-055- 27-NPTB	5. Bridge not eligible for NRHP	1999	
55 0996L	WILDLIFE UC	12-ORA-241-16-RSM	5. Bridge not eligible for NRHP	1998	
55 0996R	WILDLIFE UC	12-ORA-241-16-RSM	5. Bridge not eligible for NRHP	1998	
55 1021	EL CAMINO REAL OC	12-ORA-261- 9-IRVN	5. Bridge not eligible for NRHP	1998	
55 1028G	N73-S55/ 55 SEPARATION	12-ORA-073-R26.57-NPTB	5. Bridge not eligible for NRHP	1999	
55 1029G	N73-S55/DELHI CHANNEL	12-ORA-073-R26.57-NPTB	5. Bridge not eligible for NRHP	1999	
55 1045	OCEAN GRAND RESORT POC	12-ORA-001-24.1-HNTB	5. Bridge not eligible for NRHP	2008	
55 1046L	SANTIAGO CREEK	12-ORA-005-33.39-SA	4. Historical Significance not determined	1996	
55 1046R	SANTIAGO CREEK	12-ORA-005-33.39-SA	4. Historical Significance not determined	1996	
55 1055	JEFFREY TRAIL POC	12-ORA-405-3.55-IRVN	5. Bridge not eligible for NRHP	2005	
55 1058E	SANTA CRUZ STREET UC	12-ORA-005-36.1-ANA	5. Bridge not eligible for NRHP	2000	
55 1079	BROOKHURST STREET UC	12-ORA-022-R5.82-GGR	5. Bridge not eligible for NRHP	2007	
55 1080	EUCLID STREET UC	12-ORA-022-R6.81-GGR	5. Bridge not eligible for NRHP	2007	
55 1092	MAGNOLIA STREET UC	12-ORA-022-R4.81-GGR	5. Bridge not eligible for NRHP	2007	

SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT

Attachment C

SUPPLEMENTAL ARCHAEOLOGICAL SURVEY REPORT

CONFIDENTIAL – Not for Public Distribution

CONFIDENTIAL- Not for Public Distribution

SR-241 / SR-91 Express Lanes Connector Project

ORANGE COUNTY AND RIVERSIDE COUNTY, CALIFORNIA

City of Anaheim, City of Yorba Linda and City of Corona

12-ORA-241 PM 36.1/39.1

12-ORA-91 PM 14.7/18.9

08-RIV-91 PM 0.0/1.5

0K9700 / 1200020097

SUPPLEMENTAL ARCHAEOLOGICAL SURVEY REPORT



Prepared for:

Foothill/Eastern Transportation Corridor Agency, Project Sponsor

and for:

State of California Department of Transportation, Lead Agency



September 2015

The environmental review, consultation, and any other action required in accordance with applicable Federal laws for this project is being, or has been, carried-out by Caltrans under its assumption of responsibility pursuant to 23 USC 327.

SR-241 / SR-91 Express Lanes Connector Project

ORANGE COUNTY AND RIVERSIDE COUNTY, CALIFORNIA

City of Anaheim, City of Yorba Linda, and City of Corona

12-ORA-241 PM 36.1/39.1

12-ORA-91 PM 14.7/18.9

08-RIV-91 PM 0.0/1.5

OK9700 / 1200020097

SUPPLEMENTAL ARCHAEOLOGICAL SURVEY REPORT

Prepared for:


Foothill/Eastern Transportation Corridor Agency, Project Sponsor

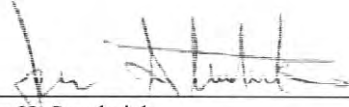
and for:

State of California Department of Transportation, Lead Agency


September 2015

Prepared by:



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Reviewed by:


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Irvine, California 92612-8894

Approved by:


Charles Baker, Environmental Branch Chief
California Department of Transportation, District 12
3347 Michelson Drive, Suite 100
Irvine, California 92612-8894

National Archaeological Data Base (NADB)
USGS Quadrangles: Black Star Canyon, California 7.5'
Acreage: 232.39 acres
Sites Identified: None

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APPENDICES

- A: CULTURAL RESOURCE ANALYSIS OF STATE ROUTE 241 CONNECTOR TO STATE ROUTE 91 IN ORANGE AND RIVERSIDE COUNTIES; SITE RECORDS; PREVIOUS SHPO CONSULTATION
- B: SURVEY COVERAGE MAP

SUMMARY OF FINDINGS

The California Department of Transportation (Caltrans) District 12, in cooperation with the Foothill/Eastern Transportation Corridor Agency (F/ETCA) proposes the State Route 241 (SR-241) / State Route 91 (SR-91) Express Lanes Connector Project (Proposed Project) to construct a median-to-median connector between SR-241 and the tolled lanes in the median of SR-91 (SR-91 Express Lanes). SR-241 is a tolled facility, starting at the Oso Parkway interchange, in south Orange County, to its terminus at SR-91. The SR-91 Express Lanes is a two-lane tolled facility located within the median of SR-91, from State Route 55 (SR-55), to the Orange/Riverside County line (east of the SR-241 interchange). The existing interchange connects all lanes of the northbound and southbound SR-241 to non-tolled, general purpose lanes of eastbound and westbound SR-91. There is currently no direct connection between the SR-241 and the SR-91 Express Lanes.

The proposed median-to-median connector is a later phase of the Eastern Transportation Corridor (ETC) project, previously approved in 1994. It was originally evaluated as a SR-241/SR-91 high-occupancy vehicle (HOV) direct connector in the 1991 ETC Draft Environmental Impact Report/Environmental Impact Statement (Draft EIR/EIS), 1992 ETC Final EIR, and the 1994 ETC Final EIS (all of which studied a broader project area with improvements on SR-133, SR-241, and SR-261). LSA Associates, Inc. (LSA) performed a cultural resources analysis in support of a feasibility study for the Project in 2008. This study is referenced and included in Appendix A.

This undertaking is subject to compliance with the *Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it Pertains to the Administration of the Federal-Aid Highway Program in California* (Caltrans Section 106 Programmatic Agreement [PA]). A records search, Native American consultation, and a survey of the Area of Potential Effects (APE) were completed for this project. This Archaeological Survey Report (ASR) was completed according to the standards set forth in the Caltrans *Environmental Handbook, Volume 2, Cultural Resources* (February 2013). This report also meets the standards for reporting cultural resource investigations as required by the California Environmental Quality Act (CEQA).

A records search for the project APE within Orange County and a 0.25-mile radius around it was conducted on May 5, 2011, at the South Central Coastal Information Center (SCCIC), at California State University, Fullerton, by SCCIC personnel. One archaeological site has been identified within the project APE. This site is CA-ORA-303, initially recorded in 1970 as a series of rock shelters and associated artifacts (Sheperd). However, close inspection of the site area during the archaeological survey for the feasibility study cultural resources analysis conducted in 2008 by LSA confirmed that the site was destroyed during the construction of SR-241 between 1995 and 1997, and nothing remains of it (Appendix A).

The records search also showed that no other cultural resources are recorded in the project APE or the 0.25-mile radius around it. In total, 24 previous studies have been conducted within the 0.25-mile radius. Of these, 13 are located within the project APE. There are 4 additional investigations located on the *Black Star Canyon, California*, and the *Prado Dam, California*, 7.5-minute United States Geological Survey (USGS) quadrangle maps that are potentially within the 0.25-mile radius of the project; however, these reports are not mapped due to insufficient data.

A records search was also conducted for the portion of the project APE that extends into Riverside County at the Eastern Information Center (EIC), University of California, Riverside, on February 21 and 22, 2008. The results of the EIC records search indicated that one historic archaeological resource, 33-10819/CA-RIV-6532H (the Green River Camp/Alta Vista site) extends into the project APE. The site has been determined not eligible for listing in the National Register of Historic Places (National Register) and the State Historic Preservation Officer concurred with this finding in a letter dated March 8, 2001. The portion of the site recorded within the APE has been completely destroyed by construction of SR-91. This portion of the APE consists of an Advance Signage Area, and there will be no ground disturbance.

The Native American Heritage Commission (NAHC) was contacted to perform a Sacred Lands File (SLF) search. The NAHC responded on April 12, 2011, to say that the SLF search was negative for the project APE and within 0.5 mile of the APE. However, Native American cultural resources were identified in proximity to the APE. The NAHC also provided a list of 11 Native American contacts that might have information regarding cultural resources that could be impacted by the project. No specific Native American cultural resources were identified within the project APE as a result of the Native American consultation; however, two responses indicate that the area is regarded as sensitive for cultural resources due to its proximity to the Santa Ana River and to SR-91, which was likely a prehistoric travel and trading route. Monitoring in previously undisturbed soil was recommended in both responses.

An approximately 5-acre area included in the APE is located south of SR-91 and 0.5–1.0 mile east of Gypsum Canyon Road within the Anaheim Wilderness Area portion of the non-contiguous Irvine Ranch, and owned by the County of Orange. This area is part of the Irvine Ranch National Natural Landmark (NNL), designated by the National Park Service in 2006.

Two surveys were conducted for this project. The first survey was completed by LSA on May 17, 2011. It included a windshield and pedestrian reconnaissance-level survey of the approximately 227-acre area of the APE that was not surveyed during the study for the feasibility study in 2008. The 2011 survey area was found to have been entirely disturbed by road construction and maintenance. No cultural resources were observed. The second survey was completed by LSA on March 17, 2015. This survey was a pedestrian survey of an approximately 5-acre area. This survey area included the drainage and ridge terrace within the northernmost portion of the Irvine Ranch NNL. No cultural resources were observed.

Five State agency bridges are within the APE. State agency bridges 55 0790G, 550791G, 55 0793G, 55 0794F, and 55 0941F were constructed in 1998. They are listed in the California Historical Significance State Agency Bridges List of June 2011 as Category 5 Bridges and are not eligible for the National Register. Relevant pages from the Caltrans Historic Bridge Inventory are included in Attachment B of the Supplemental Historic Property Survey Report (HPSR).

It is Caltrans policy to avoid cultural resources whenever possible. If buried cultural materials are encountered during construction, it is Caltrans policy that work will stop in that area until a qualified archaeologist can evaluate the nature and significance of the find. Additional surveys will be required if the project changes to include areas not previously surveyed.

INTRODUCTION

On May 17, 2011, archaeologist Terri Fulton completed a windshield and pedestrian survey of the APE for the Proposed Project. On March 17, 2015, an approximately 5-acre area was surveyed by LSA archaeologist Ivan Strudwick. Refer to Supplemental HPSR, Attachment A, Map 1, Map 2, and Map 3, and Supplemental ASR, Appendix B, Figure 1 (Survey Coverage Map).

Ms. Fulton earned her Bachelor of Arts (B.A.) degree in Cultural Anthropology from the University of California, Santa Barbara, and has been working as an archaeologist in California since 1985. As a Senior Cultural Resources Manager at LSA, Ms. Fulton is responsible for directing and participating in archaeological monitoring, field excavation, surveying, and report writing. Ms. Fulton qualifies as a Co-Principal Investigator—Prehistoric and Historical Archaeology.

Mr. Strudwick earned his B.A. and his Master of Arts (M.A.) degree in Anthropology from California State University, Long Beach. Mr. Strudwick has been working as a professional archaeologist in California since 1981. As an Associate at LSA, Mr. Strudwick is responsible for all levels of project management and fieldwork, including field and collections research, laboratory analysis, and report preparation. Mr. Strudwick has directed teams of as many as 80 archaeologists. Mr. Strudwick qualifies as a Principal Investigator – Prehistoric and Historical Archaeology.

PROJECT LOCATION AND DESCRIPTION

Location and Description

The California Department of Transportation (Caltrans) District 12, in cooperation with the Foothill/Eastern Transportation Corridor Agency (F/ETCA) proposes the State Route 241 (SR-241)/State Route 91 (SR-91) Express Lanes Connector Project (Proposed Project) to construct a median-to-median connector between SR-241 and the tolled lanes in the median of SR-91 (SR-91 Express Lanes). SR-241 is a tolled facility, starting at the Oso Parkway interchange, in south Orange County, to its terminus at SR-91. The SR-91 Express Lanes is a two-lane tolled facility located within the median of SR-91, from State Route 55 (SR-55), to the Orange/Riverside County line (east of the SR-241 interchange). The existing interchange connects all lanes of the northbound and southbound SR-241 to non-tolled, general purpose lanes of eastbound and westbound SR-91. There is currently no direct connection between the SR-241 and the SR-91 Express Lanes.

The Proposed Project, located at the junction of SR-241 and SR-91 and in the cities of Anaheim, Yorba Linda in and Corona and counties of Orange and Riverside, would provide improved access between SR-241 and SR-91 and is proposed to be a tolled facility. The proposed median-to-median connector project encompasses 12-ORA-241 (PM 36.1/39.1), 12-ORA-91 (PM 14.7/18.9), and 08 RIV-91 (PM 0.0/1.5) for a length of approximately 8.7 mi.

Improvements for the connector are limited to 5.9 mi in the cities of Anaheim and Yorba Linda from south of the Windy Ridge Wildlife Undercrossing on SR-241 to Coal Canyon Undercrossing on SR-91. The remaining 2.8 mi of the Proposed Project is limited to FasTrak signage improvements (advance signage) in the cities of Anaheim (1.2 mi total), Yorba Linda (0.1 mi) and Corona (1.5 mi), with exact placement pending the Final Design process. The Proposed Project is mostly within

existing Caltrans right-of-way, with one partial acquisition adjacent to eastbound SR-91. Construction access and staging areas would occur within existing Caltrans right-of-way.

The proposed median-to-median connector is a later phase of the Eastern Transportation Corridor (ETC) project, previously approved in 1994. It was originally evaluated as a SR-241/SR-91 high-occupancy vehicle (HOV) direct connector in the 1991 ETC Draft Environmental Impact Report/Environmental Impact Statement (Draft EIR/EIS), 1992 ETC Final EIR, and the 1994 ETC Final EIS (all of which studied a broader project area with improvements on SR-133, SR-241, and SR-261).

The Systems Management Concept (SMC) for the ETC projected that each Build Alternative would be staged, incorporating general purpose traffic and eventually HOV lanes, to meet the forecasted demand. Under the SMC, ETC construction would be completed in one stage, with three or more phases.

To implement this later phase of the ETC, a Supplemental Draft EIR/EIS is being prepared to focus on the eastern portion of the original project and to address changes to environmental conditions and regulatory requirements. Various alternatives were studied in the 1991 ETC Draft EIR/EIS, 1992 ETC Final EIR, and the 1994 ETC Final EIS; however, the Supplemental Draft EIR/EIS will include a No Build and only one Build Alternative for the median-to-median connector for the following reasons:

- There are limited locations for a median-to-median connector between SR-241 and SR-91;
- The median-to-median connector is a component of a previously approved project and alternative selected during a 1992 EIR Certification and 1994 Record of Decision (ROD);
- Various alternatives were studied for the previously approved project which required consideration of a reasonable range of alternatives; and
- The Supplemental Draft EIR/EIS is being prepared to address changes to environmental conditions and regulatory requirements and not to change the previously approved project as a whole.

The Proposed Project is being coordinated with the Orange County Transportation Authority (OCTA) and the Riverside County Transportation Commission (RCTC). The SR-91 Express Lanes are tolled and are operated by OCTA, from SR-55 to the Orange County/Riverside County line. Easterly from the county line, the lanes are HOV non-tolled lanes; however, as part of the RCTC SR-91 Corridor Improvement Project (SR-91 CIP), RCTC will operate median tolled lanes starting from the County line and ending at Interstate 15 (I-15). As part of the SR-91 CIP, the median tolled lanes include a connector to southbound I-15 general purpose lanes. Implementation of the SR-91 CIP along with the Proposed Project would provide a direct connection between SR-241 and southbound I-15.

Caltrans and the F/ETCA intend to begin construction of the Proposed Project in 2017.

Project Vicinity, Project Location, and APE maps are attached to the Supplemental HPSR as Map 1, Map 2, and Map 3, respectively. The Survey Coverage Map is attached to this Supplemental ASR as Figure 1 in Appendix B. The APE is mostly within existing Caltrans right-of-way and includes one partial acquisition adjacent to eastbound SR-91.

PROJECT ALTERNATIVES

Two alternatives are being analyzed in this document: the Build Alternative and the No Build Alternative.

Build Alternative (Two-Lane Express Lanes Connector)

The Build Alternative would construct a two-lane express lane median-to-median connector between SR-241 and SR-91 which would connect lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes. The reverse movement would also be accommodated, from the westbound SR-91 Express Lanes to the median of southbound SR-241. The connector would be tolled.

On SR-241 at the southern end of the project (near PM 36), FasTrak signage would be improved approximately 0.2 mi south of the Windy Ridge Wildlife Undercrossing. For southbound SR-241, an additional lane and shoulder would be provided by widening the Windy Ridge Wildlife Undercrossing into the existing median and improving the highway median approximately 10,000 ft to the north. For northbound SR-241, starting approximately 5,000 ft north of the Windy Ridge Wildlife Undercrossing, an additional lane and shoulder will be provided by improving the highway median approximately 5,000 ft to the north. At this point on SR-241 (approximately PM 38), the two connector lanes would converge within the existing median on fill and two new bridge structures approximately 700 ft (over the northbound SR-241 to westbound SR-91 general purpose lane connector) and 2,000 ft in length (to merge with SR-91). All approximate lengths will be further refined during the Final Design process.

Additional pavement would be added between the existing northbound SR-241/eastbound SR-91 and the northbound SR-241/westbound SR-91 general purpose connectors in order to accommodate a concrete barrier separation to prevent vehicles traveling on the westbound SR-91 general purpose connector to “queue jump” into the eastbound SR-91 general purpose connector. This would improve traffic flow on the SR-241.

The Build Alternative would merge into the existing OCTA SR-91 Express Lanes at the western limits of the RCTC SR-91 CIP which extends the SR-91 Express Lanes further east to I-15. The Build Alternative is also compatible with the approved SR-91 CIP for both the initial and ultimate configurations, including the number and widths of the SR-91 Express Lanes, express auxiliary lanes, and general purpose lanes.

Improvements on Eastbound SR-91. At the western end of SR-91 project terminus, FasTrak signage improvements would occur approximately within the first 0.1 mi of the project. The Gypsum Canyon Road on- and off-ramps and the northbound-SR-241-to-eastbound-SR-91 general purpose connector would be realigned to accommodate the Proposed Project.

To accommodate the addition of the median-to-median connector, the existing eastbound SR-91 lanes would be shifted to the south by adding pavement to the south and restriping. The number of existing eastbound SR-91 general purpose lanes would be maintained within the project limits. At the eastern terminus of the connector bridge structure, the eastbound connector lane would continue for

approximately 1 mi within the SR-91 median prior to tapering to tie in to the SR-91 CIP Express Lanes at Coal Canyon Undercrossing. Also near the eastern terminus of the connector lane bridge structure (approximately 2,000 ft west of Gypsum Canyon Road), one additional eastbound auxiliary express lane would be provided, connecting to the auxiliary lane for the SR-91 CIP also at Coal Canyon Undercrossing. These improvements would provide a four-lane express lane facility and tapering down to three lanes, between the connector and Coal Canyon Undercrossing.

The eastbound SR-91 Express Lanes would also have striped buffers (tapering from 0 ft to 4 ft). The Proposed Project would provide a striped buffer to separate the general purpose lanes from the SR-91 Express Lanes and a new striped buffer to temporarily separate the connector lane from the SR-91 Express Lanes. Additional separators within the striped buffers will be further considered during the Final Design process.

Approximately 3,600 ft west of Coal Canyon Undercrossing, grading would occur to accommodate the shift of the lanes to the south. The grading and construction of an access road would encroach into County-owned land on Assessor's Parcel Number (APN) 085-071-56. Approximately 5 ac of land on this parcel would be acquired from the County of Orange for Caltrans right-of-way. To the north of this parcel, a 1,000 ft retaining wall would be required, but would not be viewable from the highway. Further details for the retaining wall and the exact length will be determined during the Final Design process.

Improvements on Westbound SR-91. At the eastern terminus of the connector bridge structure, the westbound connector lane would extend for approximately 1 mi within the SR-91 median, with the lane tapering approximately 1,000 ft west of Coal Canyon Undercrossing. For the eastern 1,000 ft of the westbound connector express lane, one additional westbound auxiliary express lane would be provided to accommodate merging and diverging to and from the SR-91 Express Lanes. These improvements would provide a four-lane express lane facility for approximately 1,000 ft. To provide the additional SR-91 Express Lanes, restriping would occur between points east of the Gypsum Canyon Road Undercrossing and west of Coal Canyon Undercrossing.

There would be a striped buffer (tapering from 0 ft to 2 ft) to separate the westbound SR-91 Express Lanes from the general purpose lanes. Additional separators within the striped buffer will be further considered during the Final Design process. At the eastern end of SR-91 project terminus, FasTrak signage improvements would occur between Coal Canyon Undercrossing and Green River Road within the existing median and highway footprint of westbound SR-91. (No roadway improvements would occur in this area.)

No Build Alternative

Under this alternative, no direct toll connector would be constructed between SR-241 and SR-91. The No Build Alternative:

- Would not close the toll connector gap between SR-241 and the SR-91 Express Lanes;
- Would maintain the existing connections between SR-241 and SR-91 in the Project Area;

- Would not prevent motorists from inappropriately “queue jumping” during congested traffic periods, thereby disrupting traffic flow on the northbound SR-241 connector to the eastbound SR-91 general purpose lanes during PM Peak hours; and
- Would provide a benchmark by which the public and decision-makers can compare the magnitude of the effects of the Build Alternative.

Area of Potential Effects

The project APE is primarily within existing Caltrans right-of-way and includes construction staging and access areas, retaining wall locations, drainage and bridge structures, and advance signage areas (Supplemental HPSR Attachment A, Map 3). The vertical APE is expected to extend to 70 ft below grade for bridge piles with excavation to 30 ft below grade around the bridge piles. The APE has been disturbed by construction of the SR-91 and the SR-241, and continued road maintenance. However, the depth of the proposed excavations may exceed the depth of the current disturbance in some areas.

An approximately 5-acre area included in the APE is located south of SR-91 and 0.5–1.0 mile east of Gypsum Canyon Road within the Anaheim Wilderness Area portion of the non-contiguous Irvine Ranch, and owned by the County of Orange. This area is part of the Irvine Ranch NNL, designated by the National Park Service in 2006.

SOURCES CONSULTED

Records Search and Results

On May 5, 2011, a records search was conducted at the SCCIC of the California Historical Resources Information System (CHRIS) located at California State University, Fullerton. It included a review of all recorded historic and prehistoric archaeological sites within a 0.25-mile radius of the APE, as well as a review of known cultural resource survey and excavation reports. In addition, the following inventories were examined:

- National Register of Historic Places
- California Register of Historical Resources
- California Historical Landmarks
- California Points of Historical Interest
- California State Historic Resources Inventory

One archaeological site has been identified within the project APE. This site is CA-ORA-303; it was initially recorded in 1970 (Shepard) as a series of rock shelters and associated artifacts. However, the site was destroyed between 1995 and 1997 during the construction of SR-241, and nothing remains of it. This was confirmed during the intensive archaeological survey for a cultural resources analysis performed by LSA in 2008 for the SR-241 Connector to the SR-91 Project (Appendix A).

The records search showed that no other cultural resources are recorded in the project APE or the 0.25-mile radius around it. In total, 24 previous studies have been conducted within the 0.25-mile

radius. Of these, 13 are located within the project APE. There are 4 additional investigations located on the *Black Star Canyon, California*, and the *Prado Dam, California*, 7.5-minute USGS quadrangle maps that are potentially within the 0.25-mile radius of the project; however, these reports are not mapped due to insufficient data.

A records search was also conducted for the portion of the project APE that extends into Riverside County at the Eastern Information Center (EIC), University of California, Riverside, on February 21 and 22, 2008. The results of the EIC records search indicated that one historic archaeological resource, 33-10819/CA-RIV-6532H (the Green River Camp/Alta Vista site) extends into the project APE. The site has been determined not eligible for listing in the National Register and the State Historic Preservation Officer concurred with this finding in a letter dated March 8, 2001. The portion of the site recorded within the APE has been completely destroyed by construction of SR-91. This portion of the APE consists of an Advance Signage Area, and there will be no ground disturbance.

Native American Consultation

On April 6, 2011, a letter was sent to the NAHC requesting a search of the SLF in order to identify areas of religious or cultural significance to Native Americans. On April 12, 2011, the NAHC responded that the SLF search did not identify any Native American cultural resources within a 0.5-mile radius of the APE, but recommended that 11 Native American tribes/groups/individuals that may have additional information be contacted. As a result, letters dated May 10, 2011 that included discussion of the project and requested information on Native American heritage resources, were sent via certified mail to the following:

- Ti'At Society/Inter-Tribal Council of Pimu: Cindi Alvitre, Chairwoman-Manisar
- Gabrielino Tongva Nation: Sam Dunlap, Chairperson
- Juaneño Band of Mission Indians Acjachemen Nation: David Belardes, Chairperson
- Juaneño Band of Mission Indians Acjachemen Nation: Anthony Rivera, Chairman
- Tongva Ancestral Territorial Tribal Nation: John Tommy Rosas, Tribal Administrator
- Gabrielino Tongva Indians of California Tribal Council: Robert Dorame, Tribal Chair/Cultural Resources
- Gabrielino/Tongva San Gabriel Band of Mission Indians: Anthony Morales, Chairperson
- Juaneño Band of Mission Indians: Alfred Cruz, Cultural Resources Coordinator
- Gabrielino-Tongva Tribe: Bernie Acuna
- Juaneño Band of Mission Indians Acjachemen Nation: Joyce Perry, Representing Tribal Chairperson
- Gabrielino-Tongva Tribe, Linda Candelaria, Chairwoman

One response was received as a result of the letter communication. Anthony Morales, Gabrielino/Tongva San Gabriel Band of Mission Indians, called on May 13, 2011, to state that he knows there are cultural resources around the base of the foothills, and he hopes the project proponents will be vigilant. He is aware that the project area is disturbed by previous freeway construction; however, he recommends monitoring by an archaeologist and a Native American when construction activities are

in deeply buried intact native soil, i.e., when digging for the support structures, because there is the potential to encounter buried cultural resources.

No initial responses were received from any of the remaining 10 parties contacted. Two rounds of follow-up communications were attempted by email and/or telephone between May 31 and June 7, 2011.

As a result of the follow-up communications, Robert Dorame, Gabrielino Tongva Indians of California Tribal Council, requested to be notified of any cultural resources discoveries. Alfred Cruz, Juaneño Band of Mission Indians, responded to say that he believes the area to be sensitive for cultural resources given its proximity to the Santa Ana River. His people inhabited the area for over 9000 years and SR-91 runs along what were once ancient travel and trading routes. There is no way to know the extent of what is there. He recommends monitoring by a Native American and an archaeologist when construction activities are in undisturbed native soil. Sam Dunlap, Gabrielino Tongva Nation, responded to say that if there is no potential for cultural resources to be impacted because construction will be in previously disturbed soil, then he has no concerns. On February 12, 2015, an email was sent to Mr. Dunlap clarifying that the depth of the proposed excavations may exceed the depth of the current disturbance in some areas. The email also asked if he would like to comment further. No additional comments were received.

No further responses have been received. Additional details of the Native American consultation, including letters and emails sent and received as part of the consultation process, can be found in Attachment D of the Supplemental HPSR.

FIELD METHODS

On May 17, 2011, archaeologist Terri Fulton completed a windshield and pedestrian survey of the APE for the Proposed Project. This survey only included areas not previously surveyed by LSA in 2008 for the SR-241 Connector to the SR-91 Project because the setting has not changed and no other projects have been undertaken since then that may have altered the topography or unearthed any resources. The horizontal APE is mostly within Caltrans right-of-way and is disturbed by the construction of SR-91, the SR-241, and general road maintenance. No cultural material was observed.

On March 17, 2015, archaeologist Ivan Strudwick completed a pedestrian survey of the 5-acre Anaheim Wilderness Area of the Irvine Ranch NNL. The survey was conducted using parallel linear transects separated by 7-10 meters (m). This survey area appeared natural with little disturbance. For the most part, ground visibility was moderate (30–50 percent) with grasses obscuring much of the area, although ground visibility in some areas of exposed sediment was excellent at 80 percent and greater. No cultural material was observed. The Survey Coverage Map depicts the 2008, 2011, and 2015 survey areas (Appendix B).

STUDY FINDINGS AND CONCLUSIONS

No cultural resources were identified as a result of field surveys undertaken for the APE in 2008, 2011, and 2015. The records searches at the SCCIC and EIC showed that two prerecorded sites were located in the APE: Site 30-000303, and Site 33-10819/CA-RIV-6532H (the Green River Camp/Alta

Vista site). Archaeological testing of Site 30-000303 in 1991 (Greenwood and Associates) for the construction of the Eastern Transportation Corridor (SR-241) determined that this site was not eligible for the National Register. The archaeological field survey completed in 2008 by LSA for the SR-241 Connector to the SR-91 Project revealed that Site 30-000303 was completely destroyed between 1995 and 1997 by the construction of SR-241. Additionally, the portion of Site 33-10819 recorded within the APE in Riverside County has been completely destroyed by construction of SR-91. This portion consists of Advance Signage Area, and there will be no ground disturbance. Site 33-10819 was previously determined to not be eligible for listing in the National Register (Appendix A). No Native American cultural resources were identified through Native American consultation.

The horizontal APE is disturbed by previous construction and maintenance of the SR-91 and the SR-241. The Geologic Summary and General Earthwork Recommendations memorandum for the project determined that the depth of fill in the APE ranges from 4–150 ft in thickness below the freeways and up to 115 ft in the area of the proposed connector bridge. As such, there is no chance of encountering intact buried archaeological resources to a depth of at least 4 ft and much deeper in some areas of the APE. Although the depth of proposed excavation may exceed the depth of the current disturbance in some areas, it is highly unlikely that buried cultural resources exist at these great depths. Due to these reasons, the APE is not considered sensitive for cultural resources.

In the unlikely event that previously unidentified cultural materials are unearthed during construction, it is Caltrans policy that work be halted in that area until a qualified archaeologist can assess the significance of the find. Additional archaeological surveys will be needed if the project limits are extended beyond the present survey limits.

Other Resources

Five state agency bridges are within the APE. State agency bridges 55 0790G, 55 0791G, 55 0793G, 55 0794F, and 55 0941F, were constructed in 1998. They are listed in the California Historical Significance State Agency Bridges List of June 2011 as Category 5 Bridges and are not eligible for the National Register. The relevant pages from the Caltrans Historic Bridge Inventory are included in Attachment B of the Supplemental HPSR.

REFERENCES CITED

CH2MHill

- 2011 Technical Memorandum: *Geologic Summary and General Earthwork Recommendations, State Route 241/91 Direct Connector Project, Orange County, California.*

Greenwood and Associates

- 1991a Addendum to the *Historic Property Survey Report for the Proposed Eastern Transportation Corridor, Orange County, California.*

Shepard

- 1970 Archaeological Site Survey Record for CA-ORA-303, Pacific Coast Archaeological Society, Inc. On file, South Central Coastal Information Center.

**APPENDIX A: CULTURAL RESOURCE ANALYSIS OF STATE
ROUTE 241 CONNECTOR TO STATE ROUTE 91 IN ORANGE AND
RIVERSIDE COUNTIES; SITE RECORDS; PREVIOUS SHPO
CONSULTATION**

M E M O R A N D U M

DATE: April 2, 2008

TO: Lisa Williams

FROM: Debbie McLean

SUBJECT: Cultural Resource Analysis of State Route 241 Connector to State Route 91 in Orange and Riverside Counties, California

Records Search. Cultural resources records searches include the project area (Area of Potential Effects [APE] or Study Area) and a buffer (of varying distances). For this project, the project area and 0.25-mile buffer fall within three different counties; thus, three separate records searches were completed through the California Historical Resources Information System. Findings indicate that 40 surveys have been completed within the project area and the 0.5-mile radius. Of these, 29 included various portions of the project area. The only portion of the project area that has not been surveyed is the actual path of State Route 91. Five previously recorded sites are within the 0.25-mile buffer. Two previously recorded sites are within the proposed project area. One resource, 33-10819/CA-RIV-6532H, is the remains of the town of Alta Vista, also known as the Green River Camp; it was determined not to be eligible for listing in the National Register of Historic Places (National Register) per the State Historic Preservation Officer (SHPO) in a letter dated March 8, 2001. The other site is CA-ORA-303. This prehistoric site consists of several caves (rock shelters).

Survey. On February 25, 2008, LSA conducted a windshield and pedestrian reconnaissance-level survey of the project area. The vicinity of site CA-ORA-303 was closely examined. The site was completely destroyed during the construction of State Route 241. Nothing remains of the rock shelters.

Recommendations. Based on the results of the records searches and the field survey, only one cultural resource site (33-10819/CA-RIV-6532H, the remains of the town of Alta Vista, also known as the Green River Camp) is within the project area, and this site has been determined not eligible for listing in the National Register. While the findings of this preliminary study suggest that no cultural resources will be encountered during project-related construction activities, the project APE has not yet been defined. It is possible that once the APE has been determined, areas previously unsurveyed for cultural resources may be included and there may be potential for these as yet undetermined areas to contain cultural resources. Therefore, pending the finalization of the APE, archaeological monitoring is recommended during excavation in areas of native (previously undisturbed) sediments.

If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be Native American, the County Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely

Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

During the Project Report/Environmental Document phase, the following tasks will need to be completed: Native American consultation; an Area of Potential Effects map; a Historic Property Survey Report; and an Archaeological Survey Report.

Additional Tasks for Alternative 4

Architectural Study. The Proposed Impact Line for this alternative passes immediately adjacent to a number of commercial and residential buildings, and it passes through a number of other commercial and residential buildings. Build dates will need to be obtained for all of these buildings. If any of the buildings are at least 45 years old, they will need to be recorded and evaluated on Department of Parks and Recreation (DPR) Series 523 forms. Historical research pertaining to the buildings and the specific vicinity of the buildings will need to be conducted. A Historical Resources Evaluation Report (HRER) will need to be prepared. If none of the buildings are at least 45 years old, they can be addressed per the Section 106 Programmatic Agreement, and neither DPRs, historical research, nor an HRER will be required. This proposal assume that none of the buildings will be at least 45 years old and therefore, the only architectural task that will be necessary is to obtain build dates. If any of the buildings require additional documentation, a budget augment will be required.

PACIFIC COAST ARCHAEOLOGICAL SOCIETY, INC.

ARCHAEOLOGICAL SITE SURVEY RECORD

1. Site Ora 303 2. Map USGS Black star 3. County Orange
4. Twp. 3S Range 8W; N 1/4 of 1/4 of Sec. 28
5. Location In Santa Ana Canyon, opposite side of Freewzy from Featherly Park. Milepost 16.17
6. On contour elevation _____
7. Previous designations for site Strandt 1921 AD #84?
8. Owner _____ 9. Address _____
10. Previous owners, dates _____
11. Present tenant none
12. Attitude toward excavation _____
13. Description of site Shelters in sandstone ledges
14. Area 1/2 mi. x 500' 15. Depth _____ 16. Height _____
17. Vegetation oak, sycamores 18. Nearest water Santa Ana River
19. Soil of site sand 20. Surrounding soil type sand
21. Previous excavation no
22. Cultivation no 23. Erosion yes, by water
24. Buildings, roads, etc. road to northwest
25. Possibility of destruction _____
26. House pits _____
27. Other features _____
28. Burials _____
29. Artifacts manos, hammerstones, choppers, chips, bone, piece of 4 ply rope
30. Remarks Oak grove man.
31. Published references Strandt's map. 1921
32. Accession No. _____ 33. Sketch map _____
34. Date Oct. 31, 1970 35. Recorded by Shepard 36. Photos _____
37. Informant _____

ARCHEOLOGICAL SITE RECORD

Temporary Number: Ora-303

Page 1 of 3

Agency Designation: .

1. County: Orange

2. USGS Quad: Black Star Canyon (7.5') 67 (15') Photorevised 1973

3. UTM Coordinates: Zone 11 / 433930 Easting / 3747135 Northing ()

Irvine Co.

4. Township. 3S Range. 8W : NW % of SE % of NW % of NE % of Section 28 Base (Mer.) SBM ()

5. Map Coordinates: mmS mmN (from NW corner of map) 6. Elevation 500 ft.

7. Location: The site area is located approximately 1/4 miles south from Hwy. 91 and 1 mile west of Gypsum Canyon. It is in the first major drainage canyon west of Gypsum Canyon in a tributary drainage which comes in from the east.

8. Prehistoric ☒ Historic ☐ Protohistoric ☐ 9. Site Description: The site consists of several caves located in sandstone outcrops. Four of the caves are large enough to sleep comfortably in, and one of the four, which measures 4 x 4 x 2m, is large enough to live in. It is currently being used as a transients camp. All the caves have very deep, thick soil deposits on the floors. A large mound of earth rises in front of the large cave as well. A dry spring lies up the canyon to the East.

10. Area: 50 m(length)x 20 m(width) 785 m². Method of Determination: Estimation ()

11. Depth: Unknown cm Method of Determination: ()

12. Features: None ()

13. Artifacts: None; although artifacts were noted on the original site form. ()

14. Non-Artifactual Constituents: None ()

15. Date Recorded: June 10, 1984

16. Recorded By: A. Cody ()

17. Affiliation and Address: SCIENTIFIC RESOURCE SURVEYS, INC., 5232 Bolsa Avenue, Suite 5
Huntington Beach, CA 92647 ()

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHEOLOGICAL SITE RECORD

Permanent Trinomial: .

/ mo.

yr.

Temporary Number: Ora-303

Agency Designation:

Page 2 of 3 .

18. Human Remains: None

()

19. Site Integrity: Poor on the surface, the site has been heavily used in recent times.
Subsurface appears to be intact.

()

20. Nearest Water (type, distance and direction): Santa Ana River 1 mile north (although a spring within the canyon with the caves could run in a wet year).

21. Largest Body of Water within 1 km (type, distance and direction): Same ()

22. Vegetation Community (site vicinity): Disturbed Coastal Sage Scrub [Plant List ()] ()

23. Vegetation Community (on site): Mixed [Plant List (X)] ()

References for above: Munz ()

24. Site Soil: sandy loam () 25. Surrounding Soil: same ()

26. Geology: sandstone (red) () 27. Landform: arroyo ()

28. Slope: 10 degrees () 29. Exposure: sheltered in canyon ()

30. Landowner(s) (and/or tenants) and Address: Irvine Company
550 Newport Center Drive
Newport Beach, CA 92660 ()

31. Remarks: Site had handstones, hammerstones, choppers, chips, and bone when recorded in 1970 by Shepard. The lack of surface artifacts suggests that the site may have been collected or pothunted subsequently. ()

32. References: Archaeological, Historical, and Paleontological Resources, Weir Canyon Park-Road Study, Orange County, California. Larry Seeman Associates, 1981. ()

33. Name of Project: Eastern Corridor Alignment Study ()

34. Type of Investigation: Survey ()

35. Site Accession Number: Curated At: ()

36. Photos: 135 B & W Taken By: C. Cojocneanu ()

37. Photo Accession Number: On File At: SRS ()

ARCHEOLOGICAL SITE RECORD
Continuation Sheet

Permanent Trinomial: _____ / 6 84
mo. yr.

Temporary Number: Ora-303

Agency Designation: _____

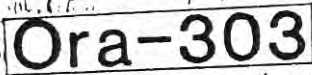
Page 3 of 3

Item No.	Continuation
23	Opuntia, poison oak, datura, tree tobacco, buck wheat, live oak, carizzo cane.

ARCHEOLOGICAL SITE
MAP

Temporary Number: Ora-303

Page _____ of _____.



Ora-794

Black Star Canyon

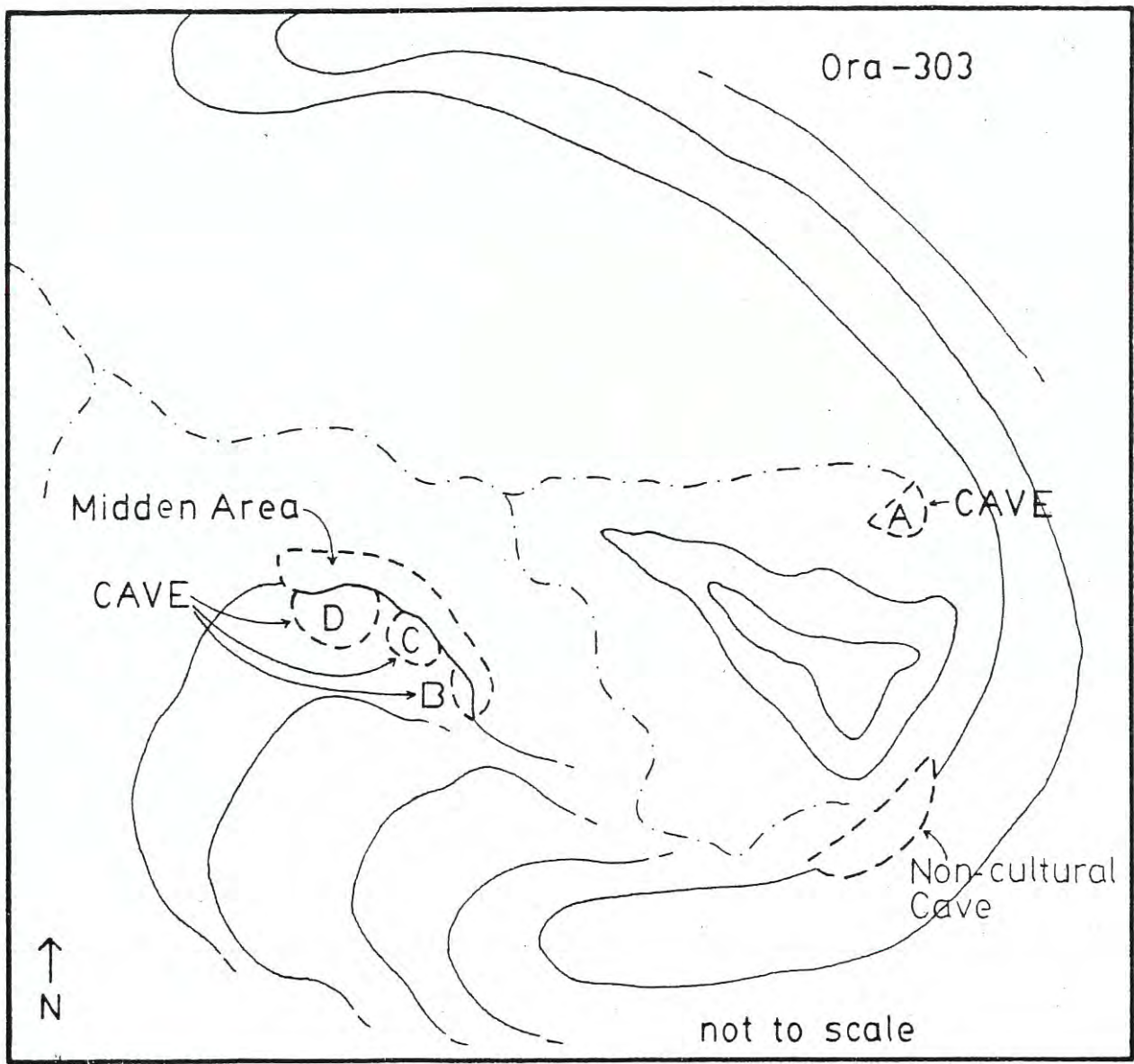
State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHEOLOGICAL SITE
MAP

Permanent Trinomial: _____ / _____ mo. yr.

Temporary Number: Ora-303

Page _____ of _____

Agency Designation: _____



ARCHEOLOGICAL SITE RECORD

Permanent Trinomial: UPDATE

Supplement ☐

Temporary Number: Ora-303

Page 1 of 3

Agency Designation:

1. County: Orange

2. USGS Quad: Black Star Canyon (7.5') 67 (15') Photorevised 1973

3. UTM Coordinates: Zone 11 / 433930 Easting / 3747135 Northing ()

4. Township. 3S Range. 8W : NW ¼ of SE ¼ of NW ¼ of NE ¼ of Section 28 Irvine Co. Base (Mer.) SBM ()

5. Map Coordinates: mmS mmN (from NW corner of map) 6. Elevation 500 ft.

7. Location: The site area is located approximately 1/4 miles south from Hwy. 91 and 1 mile west of Gypsum Canyon. It is in the first major drainage canyon west of Gypsum Canyon in a tributary drainage which comes in from the east.

8. Prehistoric X Historic Protohistoric 9. Site Description: The site consists of several caves located in sandstone outcrops. Four of the caves are large enough to sleep comfortably in, and one of the four, which measures 4 x 4 x 2m, is large enough to live in. It is currently being used as a transients camp. All the caves have very deep, thick soil deposits on the floors. A large mound of earth rises in front of the large cave as well. A dry spring lies up the canyon to the East.

10. Area: 50 m(length)x 20 m(width) 785 m². Method of Determination: Estimation ()

11. Depth: Unknown cm Method of Determination: ()

12. Features: None ()

13. Artifacts: None; although artifacts were noted on the original site form. ()

14. Non-Artifactual Constituents: None ()

15. Date Recorded: June 10, 1984

16. Recorded By: A. Cody ()

17. Affiliation and Address: SCIENTIFIC RESOURCE SURVEYS, INC., 5232 Bolsa Avenue, Suite 5
Huntington Beach, CA 92647 ()

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHEOLOGICAL SITE RECORD

Permanent Trinomial: .

/ mo.

yr.

Temporary Number: Ora-303

Agency Designation:

Page 2 of 3 .

18. Human Remains: None

()

19. Site Integrity: Poor on the surface, the site has been heavily used in recent times.
Subsurface appears to be intact.

()

20. Nearest Water (type, distance and direction): Santa Ana River 1 mile north (although a spring within the canyon with the caves could run in a wet year).

21. Largest Body of Water within 1 km (type, distance and direction): Same

()

22. Vegetation Community (site vicinity): Disturbed Coastal Sage Scrub

[Plant List ()]

()

23. Vegetation Community (on site): Mixed

[Plant List (X)]

()

References for above: Munz

()

24. Site Soil: sandy loam

()

25. Surrounding Soil: same

()

26. Geology: sandstone (red)

()

27. Landform: arroyo

()

28. Slope: 10 degrees

()

29. Exposure: sheltered in canyon

()

30. Landowner(s) (and/or tenants) and Address: Irvine Company
550 Newport Center Drive
Newport Beach, CA 92660

()

31. Remarks: Site had handstones, hammerstones, choppers, chips, and bone when recorded in 1970 by Shepard. The lack of surface artifacts suggests that the site may have been collected or pothunted subsequently.

()

32. References: Archaeological, Historical, and Paleontological Resources, Weir Canyon Park-Road Study, Orange County, California. Larry Seeman Associates, 1981.

()

33. Name of Project: Eastern Corridor Alignment Study

()

34. Type of Investigation: Survey

()

35. Site Accession Number:

Curated At:

()

36. Photos: 135 B & W

Taken By: C. Cojocneanu

()

37. Photo Accession Number:

On File At: SRS

()

ARCHAEOLOGICAL SITE RECORD

Page 1 of 2

Permanent Trinomial: CA-ORA-303
Temporary Designation:

1. County: Orange
2. USGS Quad: Black Star Canyon (7.5') X Photorevised: 1982
3. UTM Coordinates: Zone 11 433600 - 800 m E/ 3747230 - 320 mN
4. Township 3 S, Range 8 W, NW 1/4 of Section 28.
5. Map Coordinates: mmS, mmE,
6. Elevation: 520'
7. Location: In Santa Ana Canyon opposite side of freeway from Featherly Park (Post Mile 16.17)
8. Prehistoric: X
9. Site Description: Shelters in sandstone ledges
10. Area: 1/2 mile x 500' Method of Determination:
11. Depth: Unknown Method of Determination:
12. Features: None observed.
13. Artifacts: None observed
14. Non-artifactual Constituents:
15. Date Recorded: Oct, 31, 1970 (updated March 1990)
16. Recorded By: John Foster (March 1990), originally recorded by Shepard (1970)
17. Affiliation: Greenwood and Associates, 725 Jacon Way, Pacific Palisades, CA 90272.
18. Human Remains: None observed.
19. Site Integrity:
20. Nearest Water: Santa Ana River
21. Largest Body of Water Within 1 KM: Santa Ana River
22. Vegetation Community (site vicinity): Oak, sycamores, cactus, sage.
23. Vegetation Community (on site):
24. Site Soil:
25. Surrounding Soil:
26. Geology:
27. Landform: As originally recorded, the site is situated within a small north/south trending canyon which serves as a tributary to the Santa Ana River.
28. Slope:
29. Exposure:
30. Landowner:
31. Remarks: Numerous small shelters/overhangs exist in the area, however, no artifacts were observed. CA-ORA-303 was not confidently relocated.
32. References: Shepard 1970
33. Type of Investigation: Cultural Resource Survey.
34. Site Accession Number: N/A. Curated At: N/A.
35. Photos: 35 mm color slides. 36. On File At: G and A

$$S \approx h^2$$

Pacific Palisades, California 90272

STATE OF CALIFORNIA - THE RESOURCES AGENCY

GRAY DAVIS, Governor

**OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION**

P.O. BOX 942896
SACRAMENTO, CA 94296-0001
(916) 653-8624 Fax: (916) 653-9824
calshpo@ohp.parks.ca.gov



March 8, 2001

Reply To: COE911223A

Ruth Bajza Villalobos, Planning Division Chief
ATTN: Mr. Stephen Dibble, Sr. Archeologist-CESPL-PD-RN
US Army Corps of Engineers
PO Box 532711
Los Angeles, CA 90052-2325

Project: **Santa Ana River Flood Control Project, Orange, Riverside,
San Bernardino Counties, California**

Dear Ms. Villalobos:

In accordance with Stipulation 3 of the Programmatic Agreement [PA] Among the Los Angeles District, Corps of Engineers, the Advisory Council on Historic Preservation, and the California State Historic Preservation Officer Regarding Implementation of the Santa Ana River Flood Control Project, your February 9, 2001 letter requested my concurrence with your determination that site CA-RIV-6532 H is not eligible for inclusion in the National Register of Historic Places.

Based on staff review of the documentation provided, I agree that the site fails to meet any of the National Criteria set forth at 36 CFR 60.4 because it has been demonstrated to no longer contain materials that could address important research issues and therefore, in accordance with PA Stipulation 3, site CA-RIV-6532 H need not be the subject of further consideration.

Your consideration of historic properties in the project planning process is appreciated. If you have any questions please contact staff archaeologist Charles Whatford at (916) 653 - 2716 or cwhat@ohp.parks.ca.gov

Sincerely,

Dr. Knox Mellon
State Historic Preservation Officer

PRIMARY RECORD

Primary # 33-10819

HRI #

Trinomial CA-RIV-6532H

NRHP Status Code

Other Listings

Review Code

Reviewer

Page 1 of 4

*Resource Name or #: (Assigned by recorder) PB-145

P1. Other Identifier: Alta Vista / Green River Camp

*P2. Location: ☐ Not for Publication ☒ Unrestricted

*a. County Riverside, Orange

and (P2b and P2c or P2d. Attach Location Map as necessary.)

*b. USGS 7.5' Quad Black Star Canyon Date 1967 (1988) T 3S ; R 8W ; SE 1/4 of NW 1/4 of Sec 36 ; SB B.M.

c. Address Green River Golf Course, 5215 Green River Road City Corona Zip 92880

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 438200 mE/ 3747760 mN
438460 mE/ 3748060 mN; _____ mE/ _____ mN; _____ mE/ _____ mN

e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

Most of the site is located on land owned by the Green River Golf Course.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)
This site defines the remains of the town of Alta Vista, also known as Green River Camp. The site is located on the south side of the Santa Ana River, about 6 miles west of Corona. Most of the buildings in the town were removed during improvements to Riverside Freeway (SR 91) and construction of the Green River Golf Course. No structural remains exist on the north side of SR 91 with the exception of a concrete patio and brick barbecue at the extreme east end of the site. Test excavations uncovered several minor features on the north side of SR 91. Some structural remains (primarily foundation remnants) are present on the south side of SR 91 on private land belonging to the Green River Ranch. No subsurface evaluation was performed in this area. See the Archaeological Site Record for feature list.

*P3b. Resource Attributes: (List attributes and codes) AH2--foundations: AH16 - other

*P4. Resources Present: ☐ Building ☐ Structure ☐ Object ☒ Site District _____ Element of District _____ Other (Isolates, etc.) _____

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo: (View, date, accession #)

*P6. Date Constructed/Age and Sources: ☒ Historic
☐ Prehistoric ☐ Both

*P7. Owner and Address:
Green River Golf Course, 5215
Green River Road, Corona, CA
92880

*P8. Recorded by (Name, affiliation, and address)
Matthew Sterner
Statistical Research, Inc.
6099 E. Speedway Blvd.
Tucson, AZ 85712

*P9. Date Recorded:
28-Apr-00

*P10. Survey Type: (Describe)
NRHP eligibility testing

RECEIVED IN

NOV 21 2000

EIC

*P11. Report Citation: (Cite survey report and other sources, or enter "none.")

National Register of Historic Places Eligibility Testing at Alta Vista / Green River Camp (PB-145), Riverside County, California. By Matthew A. Sterner and Matt C. Bischoff. Technical Series 00-56. Statistical Research, Inc., Tucson, Arizona. (2000)

*Attachments: ☐ NONE ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record

☒ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Photograph Record ☐ Other List:

ARCHAEOLOGICAL SITE RECORD

Page: 3 of 4

*Resource Name or #: PB-145 (Alta Vista / Green River Camp)

- *A1. Dimensions: a. Length 1800 ft (E/W) x b. Width 1150 ft (N/S)
Method of Measurement: ☐ Paced ☐ Taped ☐ Visual estimate ☒ Other: measured on site map
Method of Determination (Check any that apply): ☐ Artifacts ☐ Features ☐ Soil ☐ Vegetation ☐ Topography
☐ Cut bank ☐ Animal Burrow ☐ Excavation ☐ Property boundary ☐ Other (Explain):
Approximate limits of town site known from maps; limits of archaeological site correspond to limits of project area, which is smaller than the town site.

Reliability of Determination: ☐ High ☐ Medium ☒ Low Explain:
Other subsurface features related to the town site may be preserved outside of the project area.

Limitations (Check any that apply): ☒ Restricted access ☒ Paved/built over ☒ Site limits incompletely defined
☒ Disturbances ☒ Vegetation ☐ Other (Explain):

A2. Depth: ☐ None ☒ Unknown Method of Determination:
*A3. Human Remains: ☐ Present ☒ Absent ☐ Possible ☐ Unknown (Explain):
*A4. Features (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.):
1: 3/4" iron pipe uncovered in backhoe trench; 2: concrete post footing; 3: pair of small soil anomalies, probably remains of rotted lumber; 4: concrete building pad, 14.5' x 10'; 5: cobble masonry stairway; 6: group of cobble masonry foundation remnants, probable residential complex; 7: smaller group of foundation remnants; 8: segment of 24" concrete drainage pipe; 9: remnant of cobble retaining wall; 10: concrete patio with brick barbecue; 11: rectangular pit with pipe, probable leaching pit.

*A5. Cultural Constituents: (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.):
More than 1,400 historical-period artifacts: ceramics (36), glass (400+), cans (50+), other metal (~400), miscellaneous materials (360+), construction materials (184). A complete artifact catalog is included as an appendix to report cited on Primary Record. Artifacts will be curated at San Bernardino County Museum.

*A6. Were Specimens Collected? ☐ No ☒ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
*A7. Site Condition: ☐ Good ☐ Fair ☒ Poor (Describe disturbances.):
Archaeological testing shows that site has been significantly impacted since abandonment and retains little integrity. Features still visible as recently as a few years ago have been removed by current landowners. Additionally, filling of large portion of floodplain with modern refuse has compromised integrity of this portion of site.

*A8. Nearest Water: (Type, distance, and direction.)
Santa Ana River, adjacent on north

*A9. Elevation: 430-450 feet above mean sea level (from U.S.G.S. 7.5' map)
A10. Environmental Setting: (Describe culturally relevant variables i.e. vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.)

A11. Historical Information:
Alta Vista (also known as Green River Camp) was established sometime in the period 1910-1920, initially as a collection of cabins and functioning as a small resort area. A small year-round community soon arose, catering to tourist and vacationer traffic along the Riverside highway. Construction for the Green River Golf Course in the 1950s eliminated much of the residential area of the town. Later highway improvements, culminating with completion of the 8-lane Riverside Freeway in 1971, effectively ended the town's existence.

*A12. Age: ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ☐ 1848-1880 ☐ 1880-1914 ☒ 1914-1945
☒ Post 1945 ☐ Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
Occupation began in period 1910-1920, ended by 1971.

A13. Interpretations: (Discuss data potential, function[s], ethnic affiliation, and other interpretations):

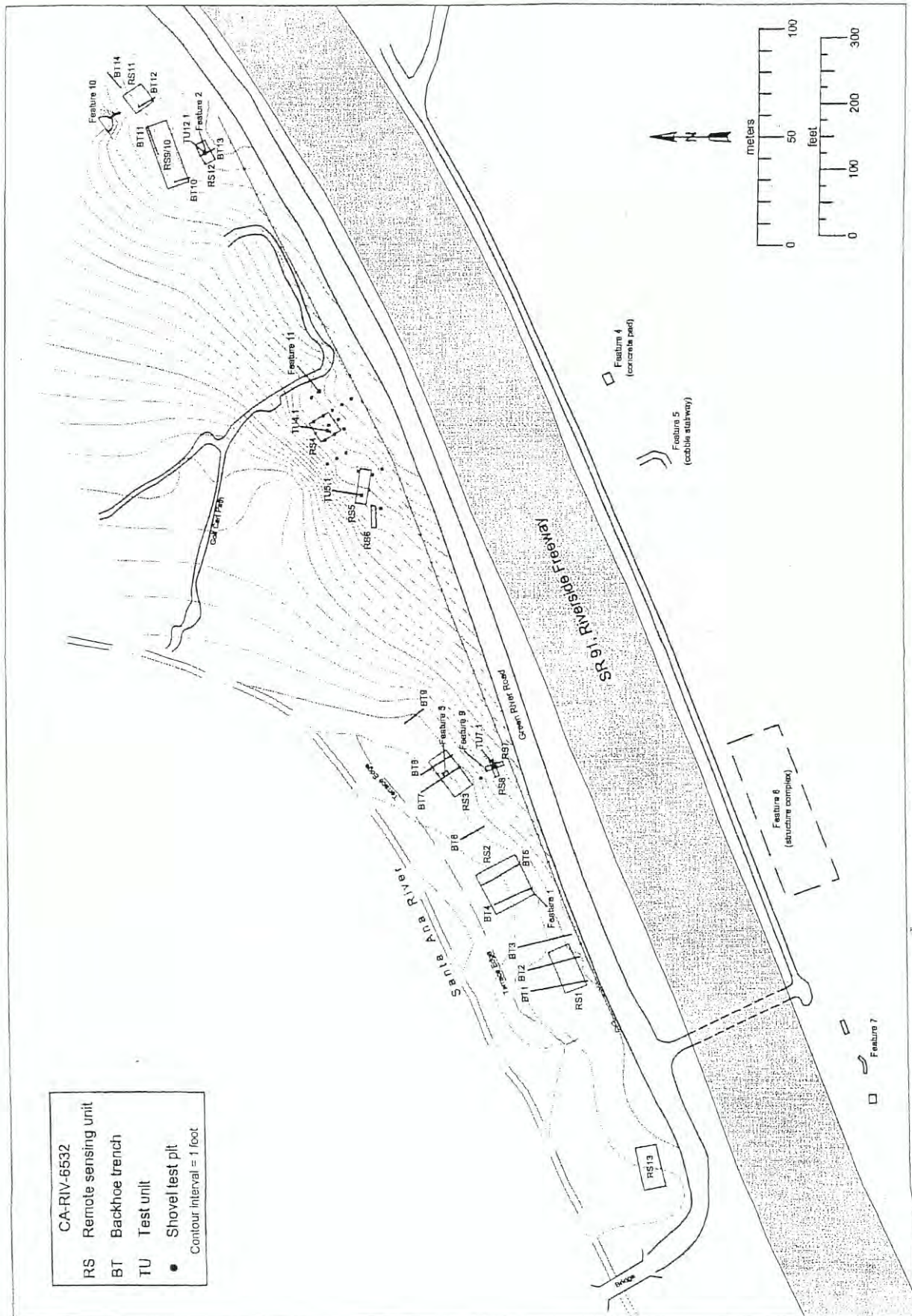
A14. Remarks:

A15. References: (Documents, informants, maps, and other references)

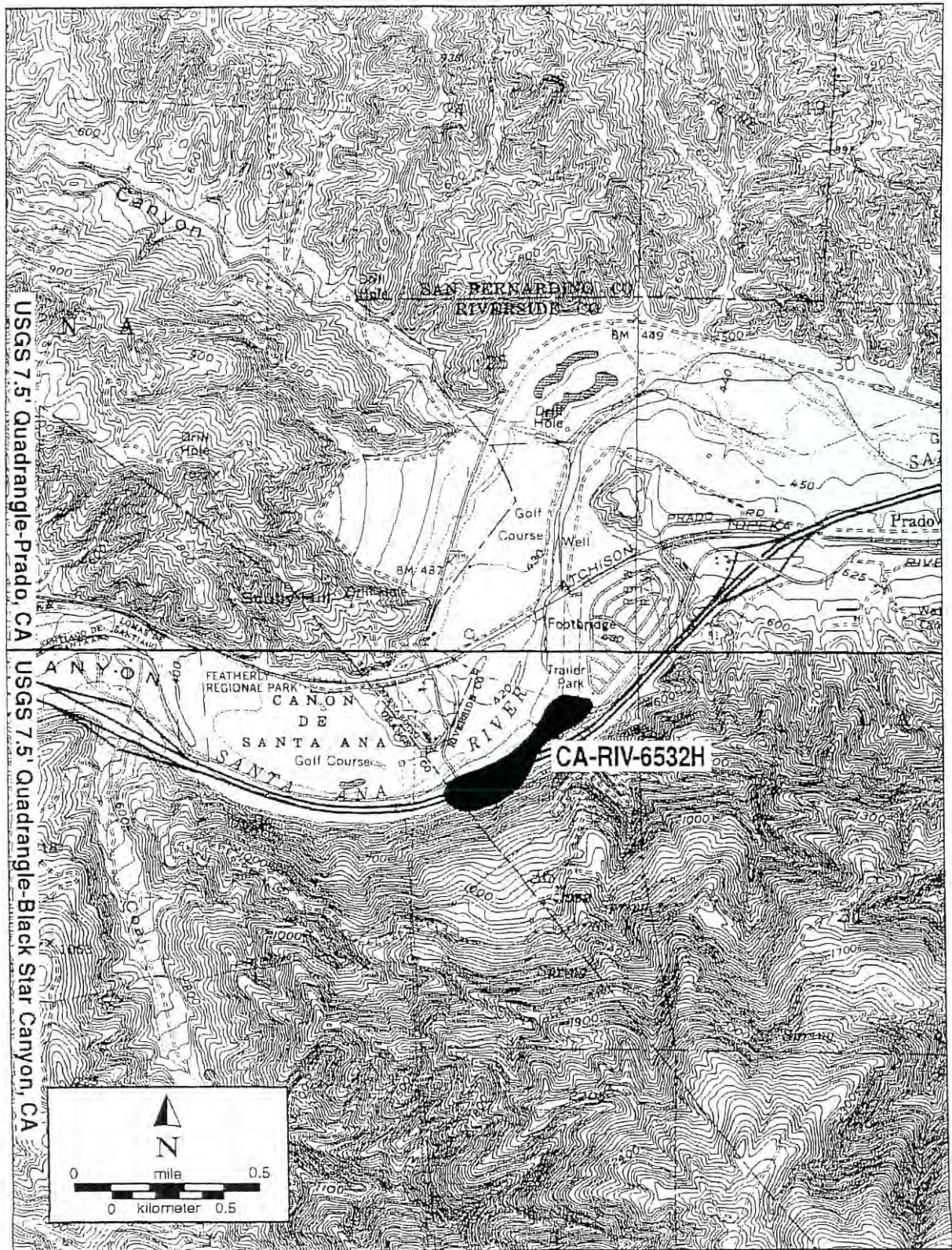
A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at:
*A17. Form Prepared by: Matthew A. Sterner
Affiliation and Address: Statistical Research, Inc., 6099 E. Speedway Blvd., Tucson, AZ 85712

Date: 28-Apr-00

33-10819



33-10819



APPENDIX H

**ADDENDUM TO THE
HISTORIC PROPERTY SURVEY REPORT
FOR THE PROPOSED
EASTERN TRANSPORTATION CORRIDOR**

ORANGE COUNTY, CALIFORNIA

**12-ORA-231
12830-111000**

PREPARED FOR:

**P&D Technologies
1100 Town & Country Road
Suite 300
Orange, CA 92668
(714) 835-4447**

PREPARED BY:

**Greenwood and Associates
725 Jacon Way
Pacific Palisades, CA 92072
(213) 454-3091**

JUNE 1991

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SUMMARY	1
RESULTS OF THE EXTENDED PHASE I ARCHEOLOGICAL TESTING	2
RESULTS OF THE PHASE II ARCHEOLOGICAL TESTING	3

ATTACHMENT A

Final Report on Extended Phase I Archeological Investigations at CA-ORA-303, CA-ORA-770, CA-ORA-1068, CA-ORA-1238 and CA-ORA-1246 Located Within the Area of Potential Effects for the Proposed Eastern Transportation Corridor, Orange County, California (May 1991)

ATTACHMENT B

Preliminary Report on Phase II Archeological Investigations at CA-ORA-478 and CA-ORA-1241 Located Within the Area of Potential Effects for the Proposed Eastern Transportation Corridor, Orange County, California (May 1991)

ATTACHMENT C

Correspondence from the Juaneno Band of Mission Indians

LIST OF FIGURES

<u>Figure</u>	<u>Following</u> <u>Page</u>
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SUMMARY

The State Historic Preservation Officer (SHPO) concurred with the Historic Property Survey Report (HPSR) for the Eastern Transportation Corridor on March 13, 1991. "For archeological properties, we agree that you have taken reasonable measures to identify properties within the Area of Potential Effect (APE)."

This Report summarizes the following information related to the archeological investigations for the ETC:

- o The results of the extended Phase I archeological testing have been prepared for CA-ORA-303, CA-ORA-770, CA-ORA-1068, CA-ORA-1238 and CA-ORA-1246. Based on the results of the extended Phase I investigations, none of these five sites appear to be eligible for the National Register of Historic Places or to be subject to the requirements of Section 106.
- o The results of the Phase II archeological testing have been prepared for CA-ORA-478 and CA-ORA-1241. Based on the results of the Phase II investigations, CA-ORA-1241 did not contain the data potential necessary for inclusion on the National Register of Historic Places or to be subject to the requirements of Section 106. CA-ORA-478 was determined to lie outside the ADI and will be designated as an Environmentally Sensitive Area until the determination of eligibility for this site is made.

Based on refined engineering and on the detailed Phases I and II evaluations conducted for these seven sites, it was determined that two of the Phase I sites and one of the Phase II sites are within the APE for the ETC, but are not within the Area of Direct Impact (ADI) for the project.

The representative for the Juaneno Band of Mission Indians has indicated that CA-ORA-1241 may have local religious importance and has requested that this site be fully excavated and documented. A Data Recovery Plan will be submitted and a Data Recovery Program will be implemented for this site prior to construction, consistent with the request of the Native Americans. The correspondence with the Native Americans is included in Appendix C.

The Data Recovery Program will include the following, conducted prior to any grading or construction activities in the vicinity of CA-ORA-1241:

- o Complete excavation and documentation of the interior and the exterior of the rock shelter.
- o All artifacts from this site will be curated at the Museum of Anthropology at the California State University, Fullerton.
- o All the excavation activity will be documented in a written report. In addition, the shelter and the excavation activities will be videotaped. Copies of the report and the videotape will be provided to the Museum of Anthropology and the Juaneno Band of Mission Indians.
- o A representative of the Juaneno Band of Mission Indians will be requested to participate in the excavation and documentation of this site.

RESULTS OF THE EXTENDED PHASE I ARCHEOLOGICAL INVESTIGATIONS

Between January 28, 1991 and February 1, 1991, Greenwood and Associates (GWA) conducted Extended Phase I excavations at five sites within the Area of Direct Impact (ADI) for the Eastern Transportation Corridor (ETC). The results of the Extended Phase I investigations are documented in the "Final Report on Extended Phase I Archeological Investigations at CA-ORA-303, CA-ORA-770, CA-ORA-1068, CA-ORA-1238 and CA-ORA-1246 Located Within the Area of Potential Effects for the Proposed Eastern Transportation Corridor, Orange County, California, (12830-111000)" (Greenwood and Associates, May 1991). This Report is included as Attachment A to this summary report. The general locations of these sites are shown in Figure 1.

The findings of the Extended Phase I investigations revealed that:

1. CA-ORA-303, a complex of rock shelters, contains no prehistoric cultural material.
2. CA-ORA-770 represents a specialized plant processing site, primarily surface in nature, although localized subsurface deposits were detected, which have minimal data potential.
3. CA-ORA-1068 was the location of light prehistoric cultural use and was probably an activity locus of CA-ORA-770.
4. CA-ORA-1238 may have represented a limited plant processing site; however, it has been destroyed by citrus agriculture and retains no spatial or vertical site integrity.
5. CA-ORA-1246 has been recently destroyed by the grading of a large dirt road which now straddles the top of the ridge at the reported location of this site.

As a result of the Extended Phase I investigations, CA-ORA-303, CA-ORA-770, CA-ORA-1068, CA-ORA-1238 and CA-ORA-1246 do not meet the criteria for inclusion in the National Register of Historic Places and warrant no further Phase II testing for determination of eligibility.

Detailed information on the Phase I scope of work, field and laboratory results and the conclusions cited above are provided in Attachment A.

Based on refined engineering and on the detailed Phase I evaluations conducted for these five sites, it was determined in May 1991, after the conclusion of the Phase I investigations, that two of the Phase I sites, CA-ORA-1068 and CA-ORA-1238-H, are within the Area of Potential Effects (APE) for the ETC, but are not within the ADI for the project.

RESULTS OF THE PHASE II ARCHEOLOGICAL INVESTIGATIONS

The Phase II archeological excavations conducted at CA-ORA-478 and CA-ORA-1241 revealed that CA-ORA-1241 does not have the data potential for inclusion in the National Register of Historic Places under Criterion D. CA-ORA-478 was determined to lie outside the ADI and will be designated as an Environmentally Sensitive Area until determination of eligibility is made for the site. The Request for Determination of Eligibility for this site will be in the Final Phase II report.

The Phase II excavations were conducted by Greenwood and Associates between March 18 and April 2, 1991. The results of the Phase II investigations are documented in the "Preliminary Report on Phase II Archeological Investigations at CA-ORA-478 and CA-ORA-1241 Located Within the Area of Potential Effects for the Proposed Eastern Transportation Corridor, Orange County, California, (12830-111000)" (Greenwood and Associates, May 1991). This Report is included as Attachment B to this summary report. The general locations of these sites were shown previously in Figure 1.

The findings of the Phase II investigations revealed that:

1. CA-ORA-478 appears to represent a temporary plant processing site with little or no on site habitation. The data yield is extremely low. Owing to the lack of sufficient quantities of datable organic material, the chronological placement of this site remains unknown.
2. CA-ORA-1241 is a rock shelter site which contains a sparse surface and subsurface deposit. The data suggest that CA-ORA-1241 was not the focus of any major subsistence activity such as hunting or processing. The site is also not associated with any major on site habitation. The data potential of the site is extremely limited.

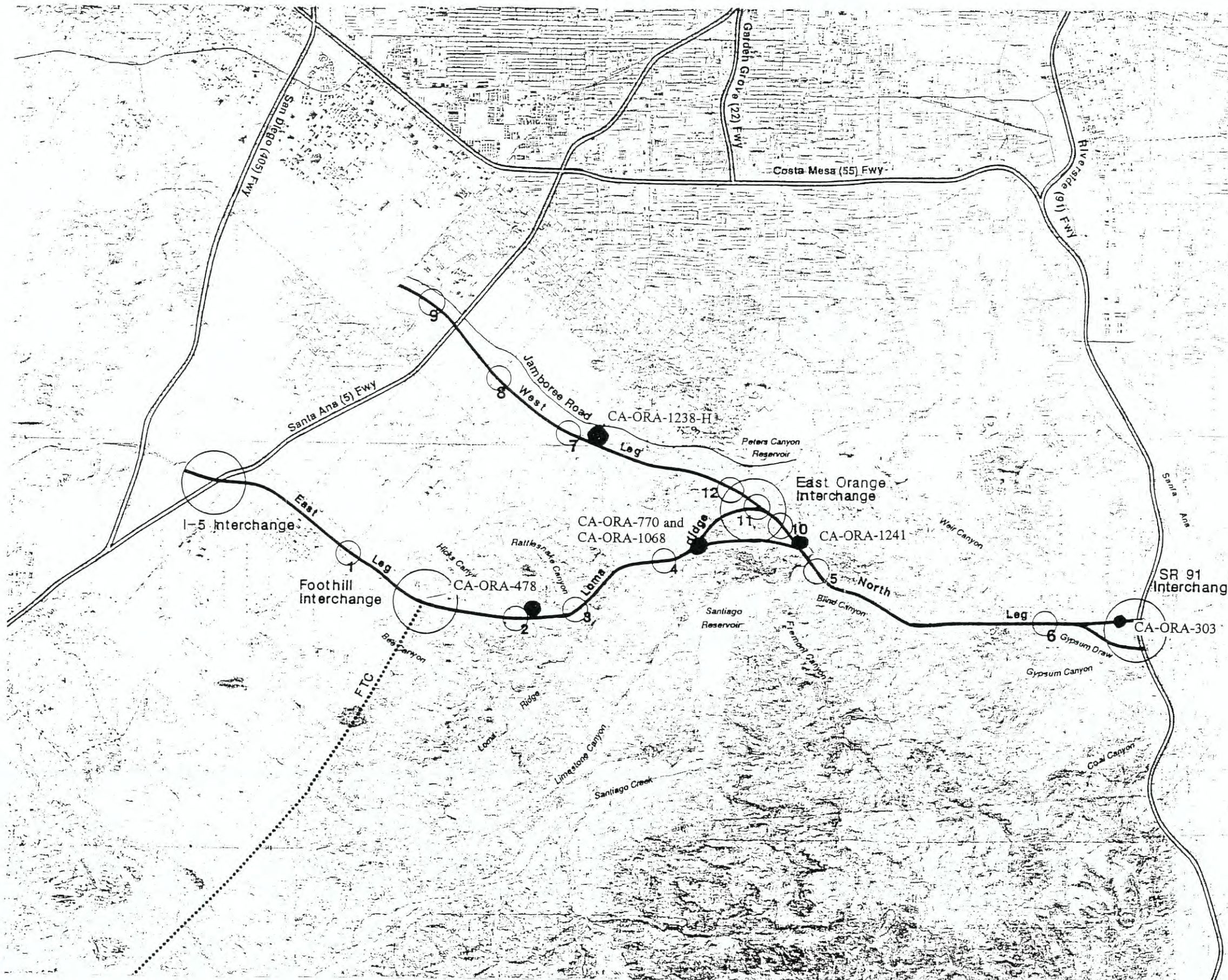
Although heavily exfoliated, the shelter does contain portions of fire blackened walls and ceiling; however, no evidence of rock art such as pictographs or petroglyphs presently exists. With the exception of one piece of red ochre, no artifacts potentially related to a religious or ceremonial used were recovered. A ceremonial/religious importance for CA-ORA-1241 cannot be established on the basis of the data; however, this possibility cannot be ruled out.

On the basis of the existing data, CA-ORA-1241 does not qualify for inclusion in the National Register of Historic Places under Criterion C.

Detailed information on the Phase II scope of work, field and laboratory results and the conclusions cited above are provided in Attachment B.

Based on refined engineering and on the detailed Phase II evaluations conducted for these two sites, it was determined in May 1991, after the conclusion of the majority of the Phase II investigations, that one of the Phase II sites is within the Area of Potential Effects (APE) for the ETC, but is not within the ADI for the project. This site, CA-ORA-478, will be identified as an Environmentally Sensitive Area on all grading and construction documents for the ETC until the determination for eligibility is made for this site.

The representative for the Juaneno Band of Mission Indians has indicated that CA-ORA-1241 may have local religious importance and has requested that this site be fully excavated and documented. A Data Recovery Program will be implemented for this site, consistent with the request of the Native American. The correspondence with the Native Americans is included in Appendix C.



Legend

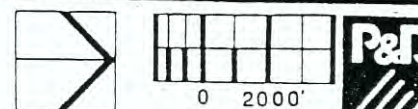
- Irvine Boulevard (East)
- Jeffrey Road
- South Culver Drive
- North Culver Drive
- North Lake Road
- Coal / Weir Canyon Road
- Portola Parkway
- Irvine Boulevard (West)
- Walnut Avenue
- Santiago Canyon Road
- Chapman Avenue
- Handy Creek Road

○ Freeway - to - Freeway Interchanges

Figure 1

Regional Setting for the ETC Project

Eastern Transportation Corridor



ATTACHMENT A

**Final Report on Extended Phase I Archeological Investigations
at CA-ORA-303, CA-ORA-770, CA-ORA-1068,
CA-ORA-1238 and CA-ORA-1246
Located Within the Area of Potential Effects
for the Proposed Eastern Transportation Corridor,
Orange County, California (May 1991)**

APPENDIX B: SURVEY COVERAGE MAP



L S A

APPENDIX B



0 1500 3000
FEET

LEGEND

- Current Area of Potential Effects (APE)
- 2008 Survey Area
- 2011 Survey Area
- 2015 Survey Area

Cultural Resource Site

- Site 33-10819/CA-RIV-6532H
- Site CA-ORA-303

SR 241/SR 91 Express Lanes Connector
Survey Coverage Map

12-ORA-241 PM 36.1/39.1
12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5
EA 0K9700

SOURCE: Bing Maps (2012); Chambers Group (2005); RBF (1/2015)

I:\RBF1101\GIS\Survey_Map.mxd (9/9/2015)

SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT

Attachment D

NATIVE AMERICAN CONSULTATION

SECTION 106 NATIVE AMERICAN CONTACT RECORD

Proposed State Route 241/State Route 91 Direct Connector Project, Orange County, California

Date LSA Requested the Sacred Lands File Search from the Native American Heritage Commission (NAHC): April 6, 2011

Date the Native American Heritage Commission Replied: April 12, 2011.

Results of the Sacred Lands File Search: Native American cultural resources were not identified within 1/2-mile of the project Area of Potential Effects (APE). However, resources were identified in close proximity to the APE. The NAHC recommended that LSA contact the groups/individuals listed below who may have knowledge of cultural resources that could be impacted by the project.

Groups Contacted	Date LSA Sent Letter to Tribes	Date a Response to the Letter was Received by LSA	Date and Results of LSA Follow-up Telephone Calls and/or emails
Ti'At Society/Inter-Tribal Council of Pimu Cindi M. Alvitre, Chairwoman-Manisar <i>Gabrielino</i>	05-10-11	No response received.	05-31-11: A follow up email was sent to Ms. Alvitre. 06-07-11: A second follow up email was sent to Ms. Alvitre.
Gabrielino Tongva Nation Sam Dunlap, Chairperson <i>Gabrielino Tongva</i>	05-10-11	No response received.	05-31-11: A follow up email was sent to Mr. Dunlap. 06-07-11: A second follow up email was sent to Mr. Dunlap. 06-14-11: Mr. Dunlap responded by email to say that if there is no potential for cultural resources to be impacted because construction will be in previously disturbed soil, then he has no concerns.
Juaneño Band of Mission Indians Acjachemen Nation David Belardes, Chairperson <i>Juaneño</i>	05-10-11	No response received.	Please see Joyce Perry, below. She is the spokesperson for cultural resources.
Juaneño Band of Mission Indians Acjachemen Nation Anthony Rivera, Chairman <i>Juaneño</i>	05-10-11	No response received.	05-31-11: A follow up email was sent to Mr. Rivera. 06-07-11: A second follow up email was sent to Mr. Rivera.
Tongva Ancestral Territorial Tribal Nation John Tommy Rosas, Tribal Administrator <i>Gabrielino Tongva</i>	05-10-11 (via email)	No response received.	05-31-11: A follow up email was sent to Mr. Rosas. 06-07-11: A second follow up email was sent to Mr. Rosas.
Gabrielino Tongva Indians of California Tribal Council Robert F. Dormae, Tribal Chair/Cultural Resources <i>Gabrielino Tongva</i>	05-10-11	No response received.	05-31-11: A follow up email was sent to Mr. Dormae. 06-07-11: Mr. Dormae would like to be notified of any discoveries.

Groups Contacted	Date LSA Sent Letter to Tribes	Date a Response to the Letter was Received by LSA	Date and Results of LSA Follow-up Telephone Calls and/or emails
Gabrielino/Tongva San Gabriel Band of Mission Indians Anthony Morales, Chairperson <i>Gabrielino Tongva</i>	05-10-11	05-13-11: Mr. Morales called to state that he knows there are cultural resources around the base of the foothills and he hopes the project proponents will be vigilant. He is aware that the project area is disturbed by previous freeway construction; however he recommends monitoring by an archaeologist and a Native American when construction activities are in deeply buried intact native soil (for example, when digging deep for the support structures) as there is potential to encounter buried cultural resources.	Not applicable.
Juaneño Band of Mission Indians Alfred Cruz, Cultural Resources Coordinator <i>Juaneño</i>	05-10-11	No response received.	05-31-11: A voicemail was left for Mr. Cruz. 06-07-11: A follow up email was sent to Mr. Cruz. 06-08-11: Mr. Cruz called and left a voicemail. 06-10-11: Mr. Cruz called to say that he believes the area to be sensitive for cultural resources given its proximity to the Santa Ana River. Also, his people inhabited the area for over 9000 years and the SR 91 runs along what used to be ancient travel and trading routes. There is no way to know the extent of what is there. For this reason, he recommends monitoring by a Native American and an archaeologist when construction activities are in undisturbed native soil.
Gabrielino-Tongva Tribe Bernie Acuna <i>Gabrielino</i>	05-10-11	No response received.	05-31-11: The message on the cell phone number provided said, "unavailable". An administrator at the office number referred the call to Linda Candelaria. See below.

Groups Contacted	Date LSA Sent Letter to Tribes	Date a Response to the Letter was Received by LSA	Date and Results of LSA Follow-up Telephone Calls and/or emails
Juaneño Band of Mission Indians Acjachemen Nation Joyce Perry, Representing Tribal Chairperson <i>Juaneño</i>	05-10-11	No response received.	05-31-11: A voicemail was left for Ms. Perry. 06-07-11: A second voicemail was left for Ms. Perry. 06-10-11: The letter was returned as "unclaimed".
Gabrielino-Tongva Tribe Linda Candelaria, Chairwoman <i>Gabrielino</i>	05-10-11	No response received.	05-31-11: A voicemail was left for Ms. Candelaria; Bernie Acuna was also referenced. 06-07-11: An follow up email was sent to Ms. Candelaria; Mr. Acuna was also copied.

April 6, 2011

Dave Singleton
Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

Subject: Sacred Lands File Search for the SR-241/SR-91 Direct Connector Project, Orange County, California

Dear Mr. Singleton:

Attached please find a portion of one United States Geological Survey (USGS) 7.5-minute topographic quadrangle map. Plotted on the map is the location of the proposed SR-241/SR-91 Direct Connector Project, Orange County, California. Specifically, the project is situated in Township 4 South, Range 8 West, in Irvine Ranch Sections 23, 25, 26, and 28; and Township 3 South, Range 8 West, in Irvine Ranch Sections 28, 30, and 32, of the *Black Star Canyon, California* USGS topographic quadrangle map (San Bernardino Baseline and Meridian). A map showing the project area is attached.

There will be ground disturbance associated with this project. Per Section 106 of the National Historic Preservation Act, LSA is requesting a Sacred Lands File search for the project area. Please notify LSA of any Traditional Cultural Properties (TCPs) and/or sacred sites that may be impacted.

I will anticipate a response within 10 working days from your receipt of this request. If you have any questions or comments, please contact me at (949) 553-0666 or you may e-mail me at terri.fulton@lsa-assoc.com. As always, thank you very much for your assistance with this project.

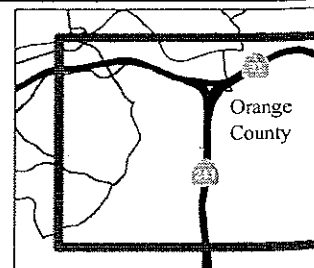
Best Regards,

LSA ASSOCIATES, INC.



Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

Attachments: Portion of one USGS map



TRANSMISSION VERIFICATION REPORT

TIME 04/05/2011 14:25
NAME
FAX
TEL
SER.# 000C5J225603

DATE, TIME 04/05 14:25
FAX NO./NAME NAHC
DURATION 00:01:03
PAGE(S) 02
RESULT OK
MODE STANDARD
ECM

LSA

LSA ASSOCIATES, INC.
20 EXECUTIVE PARK, SUITE 200 949.553.0666 TEL
IRVINE, CALIFORNIA 92614 949.553.8075 FAX

BERKELEY
CARLSBAD
PORT COLLINS

FRESNO
PALM SPRINGS
POINT RICHMOND

RIVERSIDE
ROCKLIN
SAN LUIS OBISPO
SAN FRANCISCO

April 6, 2011

Dave Singleton
Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

Subject: Sacred Lands File Search for the SR-241/SR-91 Direct Connector Project, Orange County, California

Dear Mr. Singleton:

Attached please find a portion of one United States Geological Survey (USGS) 7.5-minute topographic quadrangle map. Plotted on the map is the location of the proposed SR-241/SR-91 Direct Connector Project, Orange County, California. Specifically, the project is situated in Township 4 South, Range 8 West, in Irvine Ranch Sections 23, 25, 26, and 28; and Township 3 South, Range 8 West, in Irvine Ranch Sections 28, 30, and 32, of the *Black Star Canyon, California* USGS topographic quadrangle map (San Bernardino Baseline and Meridian). A map showing the project area is attached.

There will be ground disturbance associated with this project. Per Section 106 of the National Historic Preservation Act, LSA is requesting a Sacred Lands File search for the project area. Please notify LSA of any Traditional Cultural Properties (TCPs) and/or sacred sites that may be impacted.

I will anticipate a response within 10 working days from your receipt of this request. If you have any questions or comments, please contact me at (949) 553-0666 or you may e-mail me at terri.fulton@lsa-assoc.com. As always, thank you very much for your assistance with this project!

STATE OF CALIFORNIA

Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-8251
Fax (916) 857-5390
Web Site www.nahc.ca.gov
ds_nahc@pacbell.net



April 12, 2011

Ms. Terri Fulton, Archaeologist, Senior Cultural Resources Manager

LSA ASSOCIATES, INC.

20 Executive Park, Suite 200
Irvine, CA 92614

Sent by FAX to: 949-553-8076

No. of Pages: 4

Re: Request for a Sacred Lands File Search and Native American Contacts list for the
State Route 241/State Route 91 Direct Connector Project" located in Orange
County, California

Dear Ms. Fulton:

The Native American Heritage Commission (NAHC), the State of California 'Trustee Agency' for the protection and preservation of Native American cultural resources. The NAHC Sacred Lands File (SLF) search resulted in the following: **Native American cultural resources were not identified** within 1/2 mile of the area of potential effect (e.g. APE). However, there are Native American cultural resources in close proximity to the APE.

The California Environmental Quality Act (CEQA – CA Public Resources Code §§ 21000-21177, amendments effective 3/18/2010) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ... objects of historic or aesthetic significance.' In order to comply with this provision, the lead agency is required to assess whether the project will have an adverse impact on these resources within the 'area of potential effect (APE)', and if so, to mitigate that effect. CA Government Code §65040.12(e) defines "environmental justice" provisions and is applicable to the environmental review processes.

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries once a project is underway. Culturally affiliated tribes and individuals may have knowledge of the religious and cultural significance of the historic properties in the project area (e.g. APE). Consultation with Native American communities is also a matter of environmental justice as defined by California Government Code §65040.12(e). We urge consultation with those tribes and interested Native Americans on the list of Native American Contacts we attach to this letter in order to see if your proposed project might impact Native American cultural resources. Lead agencies should consider avoidance as defined in §15370 of the CEQA Guidelines when significant cultural resources as defined by the CEQA Guidelines §15064.5 (b)(c)(f) may be affected by a proposed project. If so, Section 15382 of the CEQA Guidelines defines a significant impact on the environment as "substantial."

Furthermore we suggest that you contact the California Historic Resources Information System (CHRIS) for pertinent archaeological data within or near the APE, at the California Office of Historic Preservation (916) 446-7000.

Consultation with tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA (42 U.S.C 4321-43351) and Section 106 and 4(f) of federal NHPA (16 U.S.C. 470 *et seq*), 36 CFR Part 800.3 (f) (2) & .5, the President's Council on Environmental Quality (CSQ, 42 U.S.C 4371 *et seq.* and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation.

Also, California Public Resources Code Section 5097.98, California Government Code §27491 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery'.

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. Regarding tribal consultation, a relationship built around regular meetings and informal involvement with local tribes will lead to more qualitative consultation tribal input on specific projects.

The response to this search for Native American cultural resources is conducted in the NAHC Sacred Lands Inventory, established by the California Legislature (CA Public Resources Code 5097.94(a) and is exempt from the CA Public Records Act (c.f. California Government Code 6254.10) although Native Americans on the attached contact list may wish to reveal the nature of identified cultural resources/historic properties. Confidentiality of "historic properties of religious and cultural significance" may also be protected under Section 304 of the NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APE and possibility threatened by proposed project activity.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,


Dave Singleton
Program Analyst

Attachment: Native American Contact List

**Native American Contact List
Orange County
April 12, 2011**

Ti'At Society/Inter-Tribal Council of Pimu
Cindi M. Alvitre, Chairwoman-Manisar
6515 E. Seaside Walk, #C Gabrielino
Long Beach , CA 90803
calvitre@yahoo.com
(714) 504-2468 Cell

Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 86908
Los Angeles , CA 90086
samdunlap@earthlink.net
(909) 262-9351 - cell

Juaneno Band of Mission Indians Acjachemen Nation
David Belardes, Chairperson
32161 Avenida Los Amigos Juaneno
San Juan Capistrano CA 92675
(949) 493-4933 - home
chiefdavidbelardes@yahoo.
com
(949) 293-8522

Juaneno Band of Mission Indians Acjachemen Nation
Anthony Rivera, Chairman
31411-A La Matanza Street Juaneno
San Juan Capistrano CA 92675-2674
arivera@juaneno.com
(949) 488-3484
(530) 354-5876 - cell

Tongva Ancestral Territorial Tribal Nation
John Tommy Rosas, Tribal Admin.
Private Address Gabrielino Tongva
tattnlaw@gmail.com
310-570-6567

Gabrielino Tongva Indians of California Tribal Council
Robert F. Dormae, Tribal Chair/Cultural Resources
P.O. Box 490
Bellflower , CA 90707
gtongva@verizon.net
562-761-6417 - voice
562-761-6417- fax

Gabrielino/Tongva San Gabriel Band of Mission
Anthony Morales, Chairperson
PO Box 693 Gabrielino Tongva
San Gabriel , CA 91778
GTTribalcouncil@aol.com
(626) 286-1632
(626) 286-1758 - Home
(626) 286-1262 -FAX

Juaneno Band of Mission Indians
Alfred Cruz, Cultural Resources Coordinator
P.O. Box 25628 Juaneno
Santa Ana , CA 92799
alfredgcruz@sbcglobal.net
714-998-0721
714-998-0721 - FAX
714-321-1944 - cell

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed S.R. 241 / S.R. 91 Directo Connector Project; located in northern Orange County, California for which a Sacred Lands File search and Native American Contacts list were requested.

Native American Contact List
Orange County
April 12, 2011

Gabrielino-Tongva Tribe
Bernie Acuna
1875 Century Pk East #1500 Gabrielino
Los Angeles , CA 90067
(310) 587-2203
(310) 428-7720 - cell
(310) 587-2281 - FAX

Juaneno Band of Mission Indians Acjachemen Nation
Joyce Perry; Representing Tribal Chairperson
4955 Paseo Segovia Juaneno
Irvine , CA 92612
949-293-8522

Gabrielino-Tongva Tribe
Linda Candelaria, Chairwoman
1875 Century Park East, Suite 1500
Los Angeles , CA 90067 Gabrielino
lcandelaria1@gabrielinoTribe.org
310-428-5767- cell
(310) 587-2281 - FAX

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed S.R. 241 / S.R. 91 Direct Connector Project, located in northern Orange County, California for which a Sacred Lands File search and Native American Contacts list were requested.

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City, State, ZIP+4	P.O. Box 693 San Gabriel, CA 91778		
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Total Postage & Fees	\$ 6.03		
Juaneño Band of Mission Indians			
Sent To	Alfred Cruz, Cultural Resources Coordinator		
Street, Apt. No., or PO Box No.	P.O. Box 25628		
City, State, ZIP+4	Santa Ana, CA 92799		
PS Form 3800, June 2002 See Reverse for Instructions			

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Gabrielino-Tongva Tribe			
Sent To	Bernie Acuna		
Street, Apt. No., or PO Box No.	1875 Century Park East		
City, State, ZIP+4	Los Angeles, CA 90067		
PS Form 3800, June 2002 See Reverse for Instructions			

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Total Postage & Fees	\$ 6.03		
Juaneño Band of Mission Indians Acjachemen Nation			
Sent To	Anthony Rivera, Chairman		
Street, Apt. No., or PO Box No.	31411-A La Matanza Street		
City, State, ZIP+4	San Juan Capistrano, CA 92675-2674		
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Total Postage & Fees	\$ 6.03		
Juaneño Band of Mission Indians Acjachemen Nation			
Sent To	David Belardes, Chairperson		
Street, Apt. No., or PO Box No.	32161 Avenida Los Amigos		
City, State, ZIP+4	San Juan Capistrano, CA 92675		
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Total Postage & Fees	\$ 6.03		
Ti'At Society			
Sent To	Cindi Alvitre		
Street, Apt. No., or PO Box No.	6515 E. Seaside Walk		
City, State, ZIP+4	Long Beach, CA 90803		
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Total Postage & Fees	\$ 6.03	

Sent To: Gabrielino-Tongva Tribe
Linda Candelaria, Chairwoman
1875 Century Park East
Los Angeles, CA 90067
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Total Postage & Fees	\$ 6.03	

Sent To: Juaneño Band of Mission Indians Acjachemen
Nation
Joyce Perry, Representing Tribal Chairperson
4955 Paseo Segovia
Irvine, CA 92612
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Total Postage & Fees	\$ 6.03	

Sent To: Gabrielino Tongva Indians of California Tribal
Council
Robert F. Dorame, Tribal Chair/Cultural
Resources
P.O. Box 490
Bellflower, CA 90707
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Sent To: Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 86908
Los Angeles, CA 90086
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Juanefio Band of Mission Indians Acjachemen
Nation
Joyce Perry, Representing Tribal Chairperson
4955 Paseo Segovia
Irvine, CA 92612

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Ti'At Society
Cindi Alvitre
6515 E. Seaside Walk
Long Beach, CA 90803

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1. Article Addressed to:

Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 86908
Los Angeles, CA 90086

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☐ Agent☐ Addressee

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1. Article Addressed to:

Gabrielino-Tongva Tribe
Linda Candelaria, Chairwoman
1875 Century Park East
Los Angeles, CA 90067

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2. Article Number
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Nancy Jan

☐ Agent
☐ Addressee

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C. Date of Delivery

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☐ Insured Mail ☐ C.O.D.4. Restricted Delivery? (Extra Fee) ☐ Yes**SENDER: COMPLETE THIS SECTION**

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1. Article Addressed to:

Gabrielino-Tongva Tribe
Bernie Acuna
1875 Century Park East
Los Angeles, CA 90067

RBC1101

2. Article Number
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COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Nancy Jan

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

5/12

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

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☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.4. Restricted Delivery? (Extra Fee) ☐ Yes**SENDER: COMPLETE THIS SECTION**

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1. Article Addressed to:

Gabrieleño/Tongva San Gabriel Band of Mission
Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA 91778

RBC1101

2. Article Number
(Transfer from service label)

7004 1350 0004 1584 1513

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102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Anthony Morales

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

5/12

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

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☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.4. Restricted Delivery? (Extra Fee) ☐ Yes

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1. Article Addressed to:

Juaneño Band of Mission Indians Acjachemen
Nation
David Belardes, Chairperson
32161 Avenida Los Amigos
San Juan Capistrano, CA 92675

RBA101

2. Article Number

7004 1350 0004 1584 1551

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COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *David Belardes*☐ Agent☐ Addressee

B. Received by (Printed Name)

David Belardes

C. Date of Delivery

5/12/11

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Juaneño Band of Mission Indians Acjachemen
Nation
Anthony Rivera, Chairman
31411-A La Matanza Street
San Juan Capistrano, CA 92675-2674

RBA101

2. Article Number

7004 1350 0004 1584 1520

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102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Anthony Rivera*☐ Agent☒ Addressee

B. Received by (Printed Name)

Anthony Rivera

C. Date of Delivery

5/12/11

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

7562

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Juaneño Band of Mission Indians
Alfred Cruz, Cultural Resources Coordinator
P.O. Box 25628
Santa Ana, CA 92799

RBA101

2. Article Number

7004 1350 0004 1584 1506

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Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Alfred Cruz*☐ Agent☐ Addressee

B. Received by (Printed Name)

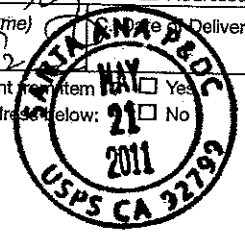
Alfred Cruz

C. Date of Delivery

MAY 21 2011

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes



LSA ASSOCIATES, INC.
20 EXECUTIVE PARK, SUITE 200 949.553.0565 TEL
IRVINE, CALIFORNIA 92614 949.553.8076 FAX

BERKELEY
CARLSBAD
FORT COLLINS

FRESNO
PALM SPRINGS
POINT RICHMOND

RIVERSIDE
ROCKLIN
SAN LUIS OBISPO
SOUTH SAN FRANCISCO

May 10, 2011

Tongva Ancestral Territorial Tribal Nation
John Tommy Rosas, Tribal Administrator
Via E-mail to: tattnlaw@gmail.com

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct
Connector Project, Orange County, California

Dear Mr. Rosas:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

Section 106 of the National Historic Preservation Act requires that federal undertakings such as this consider the effect they may have on historic properties. These include properties of traditional religious and cultural significance to Native American tribes. Government-to-government relationships, as required by federal law, include the identification of an individual designated by a Tribe for the purposes of consultation. LSA Associates, Inc. (LSA) is contacting you on behalf of the Department as part of the Section 106 process.

To determine whether any historic properties may be affected by the project, a records search is being conducted at the South Central Coastal Information Center, located at California State University, Fullerton. The Native American Heritage Commission (NAHC) has also been asked to perform a Sacred Lands File (SLF) search. The results of the SLF **did not** identify Native American cultural resources within 0.5 mile of the project Area of Potential Effects (APE). However, **there are** Native American cultural resources in close proximity to the APE. Your name has been provided by the NAHC as someone who may have information or concerns regarding this project and its potential to impact cultural resources.

If you know of any cultural resources that may be of religious and/or cultural significance to your community that could be affected by this project, or if you would like more information, please do not hesitate to contact me at the above telephone number or address, or by e-mail at terri.fulton@lsa-assoc.com. If I do not receive a response from you in the near future, I will contact you again to discuss any comments or concerns that you may have. As always, your time and involvement in this process is important and very much appreciated.

Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

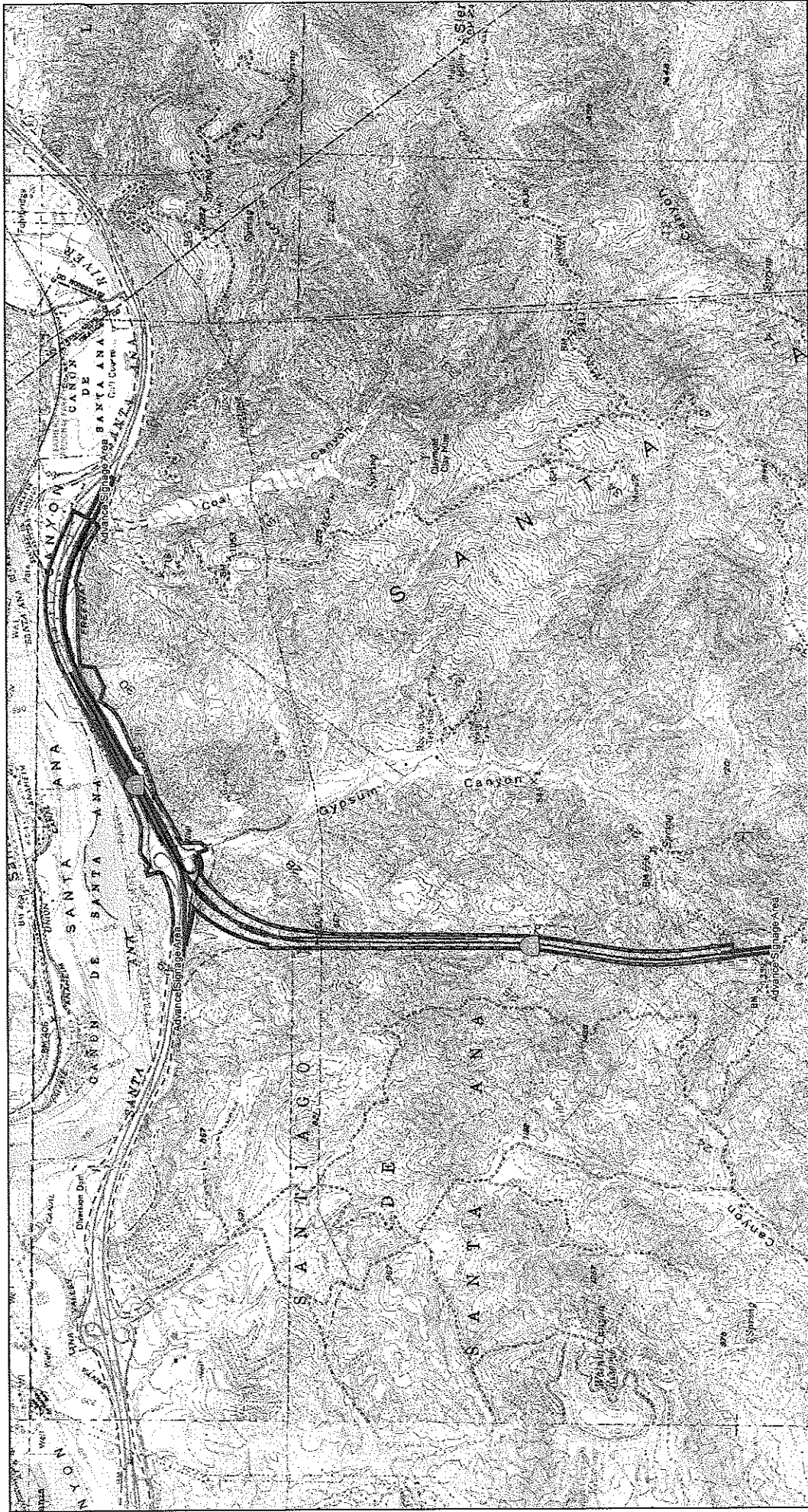


FIGURE 1

SR-91 Express Lanes Extension and SR-241 Connector

Area of Potential Effects

LEGEND

- Existing Caltrans ROW
- Area of Potential Effects (APE)
- Road on Structure

FIGURE 1

SR-91 Express Lanes Extension and SR-241 Connector

Area of Potential Effects

SOURCE: USGS 7.5 QUAD - BLACK STAR CANYON (89)
 PARF1101GSHAPE_LINES_base.mxd (4/5/11)

Terri Fulton

From: Terri Fulton
Sent: Tuesday, June 07, 2011 2:54 PM
To: 'Cindi Alvitre'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project
Attachments: APE_USGS_Base.pdf

Hi Cindi,

I'd like to follow up one more time on this project. Please let me know if you would like to comment.

Thank you!

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

From: Terri Fulton
Sent: Tuesday, May 31, 2011 12:47 PM
To: 'Cindi Alvitre'
Subject: SR 241/91 Express Lanes Direct Connector Project

Hi Cindi,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011. A map of the project area is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you!

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

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20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

May 10, 2011

Ti'At Society
Cindi Alvitre
6515 E. Seaside Walk
Long Beach, CA 90803

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

6/21/2011

Dear Ms. Alvitre:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

Lisa Williams

Subject: FW: FW: SR 241/91 Express Lanes Direct Connector Project

From: Terri Fulton
Sent: Thursday, February 12, 2015 9:01 AM
To: sam dunlap
Subject: RE: FW: SR 241/91 Express Lanes Direct Connector Project

Hi Sam,

Sorry to take so long getting back to you on the details of ground disturbance for this project. The project description was being refined and now reads:

The project APE is entirely within existing Caltrans right-of-way and includes construction staging and access areas, retaining wall locations, drainage and bridge structures, and advanced signage areas (HPSR Attachment A, Map 3). The vertical APE is expected to extend to 70 ft below grade for bridge piles with excavation to 30 ft below grade around the bridge piles. The APE has been completely disturbed by construction of the SR-91 and the SR-241, and continued road maintenance. However, the depth of the proposed excavations may exceed the depth of the current disturbance in some areas.

So it appears that there will be deeper disturbance to some areas that are currently intact. In light of that, would you like to comment further? Thanks!

From: sam dunlap [<mailto:samdunlap@earthlink.net>]
Sent: Tue 6/14/2011 6:01 PM
To: Terri Fulton
Subject: Re: FW: SR 241/91 Express Lanes Direct Connector Project

Hi Terri,

It does not appear to me that cultural resources have the potential to be impacted during the implementation of this proposed project. It does not appear that any new ground disturbance for freeway widening is required.

Would I be correct in assuming this? If so, I do not have any specific concerns.

Sam Dunlap
Tribal Chairman
Gabrielino Tongva Nation

-----Original Message-----

From: Terri Fulton
Sent: Jun 7, 2011 2:25 PM
To: sam dunlap
Subject: FW: SR 241/91 Express Lanes Direct Connector Project

Hi Sam,

I would just like to follow up one more time for this project. Please let me know if you would like to comment.

Thanks,

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

From: Terri Fulton
Sent: Tuesday, May 31, 2011 12:51 PM
To: 'sam dunlap'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project

Hi Sam,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011. A map of the project area is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you!

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
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Fax (949) 553-8076
Wireless (949) 337-5454

May 10, 2011

Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 86908
Los Angeles, CA 90086

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

Dear Mr. Dunlap:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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To determine whether any historic properties may be affected by the project, a records search is being conducted at the South Central Coastal Information Center, located at California State University, Fullerton. The Native American Heritage Commission (NAHC) has also been asked to perform a Sacred Lands File (SLF) search. The results of the SLF **did not** identify Native American cultural resources within 0.5 mile of the project Area of Potential Effects (APE). However, **there are** Native American cultural resources in close proximity to the APE. Your name has been provided by the NAHC as someone who may have information or concerns regarding this project and its potential to impact cultural resources.

If you know of any cultural resources that may be of religious and/or cultural significance to your community that could be affected by this project, or if you would like more information, please do not hesitate to contact me at the above telephone number or address, or by e-mail at terri.fulton@lsa-assoc.com. If I do not receive a response from you in the near future, I will contact you again to discuss any comments or concerns that you may have. As always, your time and involvement in this process is important and very much appreciated.

Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

Terri Fulton

From: Terri Fulton
Sent: Tuesday, June 07, 2011 3:24 PM
To: 'Chairman Rivera'
Cc: 'Jim Rivera'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project
Attachments: APE_USGS_Base.pdf

Good Afternoon,

I would just like to follow up one more time for this project. Please let me know if you would like to comment.

Thank you,

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

From: Terri Fulton
Sent: Tuesday, May 31, 2011 12:54 PM
To: 'Chairman Rivera'
Cc: 'Jim Rivera'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project

Chairman Rivera,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011. A map of the project area is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you!

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

May 10, 2011

Juaneño Band of Mission Indians Acjachemen Nation
Anthony Rivera, Chairman
31411-A La Matanza Street
San Juan Capistrano, CA 92675

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

Dear Mr. Rivera:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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If you know of any cultural resources that may be of religious and/or cultural significance to your community that could be affected by this project, or if you would like more information, please do not hesitate to contact me at the above telephone number or address, or by e-mail at terri.fulton@lsa-assoc.com. If I do not receive a response from you in the near future, I will contact you again to discuss any comments or concerns that you may have. As always, your time and involvement in this process is important and very much appreciated.

Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

Terri Fulton

From: Terri Fulton
Sent: Tuesday, June 07, 2011 2:49 PM
To: Johntommy Rosas
Cc: Terri Fulton
Subject: FW: SR241/SR91 Direct Connector Project
Attachments: Rosas NA Letter.pdf

Hi John Tommy,

I'd like to follow up with you one more time on this project. Just let me know if you would like to comment.

Thank you,

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

From: Terri Fulton
Sent: Tuesday, May 31, 2011 12:26 PM
To: 'Johntommy Rosas'
Subject: FW: SR241/SR91 Direct Connector Project

Good Afternoon – I am following up to see if you have any comments on this project. Thank you!

Best,

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

From: Terri Fulton
Sent: Tuesday, May 10, 2011 4:08 PM
To: Johntommy Rosas
Cc: Terri Fulton
Subject: SR241/SR91 Direct Connector Project

Hi John Tommy,

Attached is a letter and project notification for your review. Please let me know if you have comments or concerns about this project and its potential to impact cultural resources.

6/21/2011

Thank you,

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation Coordinator

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

Terri Fulton

From: Terri Fulton
Sent: Tuesday, May 31, 2011 12:56 PM
To: 'Robert F. Dornae'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project
Attachments: APE_USGS_Base.pdf

Hi Robert,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011. A map of the project area is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you!

Terri Fulton
 Archaeologist/Senior Cultural Resources Manager
 Native American Consultation

LSA Associates, Inc.
 20 Executive Park, Suite 200
 Irvine, CA 92614-4731
 Phone (949) 553-0666
 Fax (949) 553-8076
 Wireless (949) 337-5454

May 10, 2011

Gabrielino Tongva Indians of California Tribal Council
 Robert F. Dornae, Tribal Chair/Cultural Resources
 P.O. Box 490
 Bellflower, CA 90707

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

Dear Mr. Dornae:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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To determine whether any historic properties may be affected by the project, a records search is being conducted at the South Central Coastal Information Center, located at California State University, Fullerton. The Native American Heritage Commission (NAHC) has also been asked to perform a Sacred Lands File (SLF) search. The results of the SLF **did not** identify Native American cultural resources within 0.5 mile of the project Area of Potential Effects (APE). However, **there are** Native American cultural resources in close proximity to the APE. Your name has been provided by the NAHC as someone who may have information or concerns regarding this

project and its potential to impact cultural resources.

If you know of any cultural resources that may be of religious and/or cultural significance to your community that could be affected by this project, or if you would like more information, please do not hesitate to contact me at the above telephone number or address, or by e-mail at terri.fulton@lsa-assoc.com. If I do not receive a response from you in the near future, I will contact you again to discuss any comments or concerns that you may have. As always, your time and involvement in this process is important and very much appreciated.

Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

Terri Fulton

From: Terri Fulton
Sent: Tuesday, June 07, 2011 3:31 PM
To: 'alfredgcruz@sbcglobal.net'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project
Attachments: APE_USGS_Base.pdf

Hi Alfred,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011, and also on a voicemail I left regarding this project on May 31. A map showing the project location is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you, and hope you are well!

Terri Fulton
Archaeologist/Senior Cultural Resources Manager
Native American Consultation

LSA Associates, Inc.
20 Executive Park, Suite 200
Irvine, CA 92614-4731
Phone (949) 553-0666
Fax (949) 553-8076
Wireless (949) 337-5454

May 10, 2011

Juaneño Band of Mission Indians
Alfred Cruz, cultural Resources Coordinator
P.O. Box 25628
Santa Ana, CA 92799

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

Dear Mr. Cruz:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

Terri Fulton

From: Terri Fulton
Sent: Tuesday, June 07, 2011 3:03 PM
To: 'lcandelaria1@gabrielinoTribe.org'; 'bacuna1@gabrielinoTribe.org'
Subject: FW: SR 241/91 Express Lanes Direct Connector Project
Attachments: APE_USGS_Base.pdf

Ms. Candelaria and Mr. Acuna,

I'm writing to follow up on the correspondence below that was sent to you on May 10, 2011, and also on a voicemail I left regarding this project on May 31. A map showing the project location is also attached. Please let me know if you have any comments or concerns about this project and its potential to impact cultural resources.

Thank you!

Terri Fulton
 Archaeologist/Senior Cultural Resources Manager
 Native American Consultation

LSA Associates, Inc.
 20 Executive Park, Suite 200
 Irvine, CA 92614-4731
 Phone (949) 553-0666
 Fax (949) 553-8076
 Wireless (949) 337-5454

May 10, 2011

Gabrielino-Tongva Tribe
 Linda Candelaria, Chairwoman
 1875 Century Park East, Suite 1500
 Los Angeles, CA 90067

Subject: Native American Consultation for the Proposed State Routes 241/91 Express Lanes Direct Connector Project, Orange County, California

Dear Ms. Candelaria:

The Transportation Corridor Agencies (TCA), in cooperation with the California Department of Transportation (Department) proposes to construct new high-occupancy vehicle (HOV) connectors between State Route 241 (SR-241) and State Route 91 (SR-91). The connectors would bring HOV lanes from the median of northbound SR-241 to the existing eastbound SR-91 Express Lanes, which transition to one HOV lane at Green River Road on SR-91. The reverse movement would also be accommodated from the westbound SR-91 Express Lanes to the median of southbound SR-241. A parallel lane that tapers back into the existing SR-91 Express Lanes would be needed for the northbound SR-241 to eastbound SR-91 movement. A map of the project area is attached.

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Respectfully,

LSA ASSOCIATES, INC.

Terri Fulton
Native American Consultation Coordinator

Attachment: United States Geological Survey (USGS) Map

